

Powered by
EUROLAMP®



 **LIGHT BORN**
SYSTEMS

PV MODULES / INVERTERS / BATTERY SYSTEMS / EV CHARGERS / PORTABLE POWER STATIONS

Company Profile



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H EUROLAMP A.B.E.E. είναι μία διαρκώς αναπτυσσόμενη ελληνική εταιρία που πρωτοπορεί και καινοτομεί, κάνοντας τη διαφορά εδώ και 25 χρόνια!

Διαθέτουμε τεράστια προϊόντα φωτισμού (οικιακής και επαγγελματικής χρήσης), λαμπτήρες, ηλεκτρολογικού υλικού, Χριστουγεννιάτικου φωτισμού και διάκοσμου, κλιματιστικές μονάδες, ηλεκτρικές συσκευές, μπαταρίες, φωτοβολταϊκά συστήματα και προϊόντα ηλεκτροκίνησης (ποδήλατα, scooter, σταθμοί φόρτισης οχημάτων).

Εξεισόδημαστε διαρκώς με νέα προϊόντα σύγχρονης τεχνολογίας που ανταποκρίνονται στις απαιτήσεις του σύγχρονου εμπορίου, φιλικά προς το περιβάλλον και εναρμονισμένα με όλους του κανόνες που επιτάσσει η Ευρωπαϊκή και Διεθνής Νομοθεσία.

Διατηρούμε αξιόπιστες και μακροχρόνιες συνεργασίες και διαθέτουμε ένα ισχυρό δίκτυο πωλήσεων με περισσότερα από 2.500 σημεία πώλησης στην Ελλάδα, την Κύπρο και σε περισσότερες από 30 χώρες εντός και εκτός Ε.Ε.

Με το βλέμμα στραμμένο στο μέλλον και τη φροντίδα του εξειδικευμένου προσωπικού μας, ενδυναμώνουμε τη συνεχή στήριξη των συνεργατών μας με κοινό παρονομαστή την ικανοποίηση του τελικού καταναλωτή!

Οι αξίες μας

- Σεβασμός, συνέπεια και αξιοπιστία
- Προσωπικό και επιχειρηματικό ήθος
- Δημιουργία αδιάρρηκτων σχέσεων με τους συνεργάτες
- Καινοτομία και συνεχής εξέλιξη
- Υψηλή ποιότητα προϊόντων και υπηρεσιών
- Συνεχής επένδυση σε ανθρώπινο δυναμικό

EUROLAMP SA is a constantly growing Greek company that pioneers and innovates, making a difference for 25 years!

We have a huge range of lighting products (home & business), lamps, electrical equipment, Christmas lighting and decorations, air conditioners, electrical appliances, batteries, photovoltaic systems and e-mobility products (bikes, scooters, vehicle charging stations).

We are constantly evolving with new products of modern technology that meet the requirements of modern trade, are environmentally friendly and in harmony with all the rules required by European and International Legislation.

We maintain reliable and long-term partnerships and have a solid sales network with more than 2,500 sales points in Greece, Cyprus and more than 30 countries inside and outside the EU.

With an eye on the future and the care of our specialized staff, we strengthen the continuous support of our partners with the common goal being the satisfaction of the end consumer!

Our values

- Respect with consistency and reliability
- Personal and business ethics
- Creating unbreakable relationships with our partners
- Innovation and continuous development
- High quality products and services
- Continuous investment in human resources

Get in touch!

Ελάτε σε επαφή

Η Eurolamp έχει παρουσία σε μια ποικιλία μέσων κοινωνικής δικτύωσης στα οποία μπορείτε να παρακολουθείτε την εξέλιξη της εταιρεία αλλά κυρίως τα καινοτόμα προϊόντα και λύσεις που διαθέτουμε!

Eurolamp has a presence on a variety of social media that you can follow the development of the company but mainly the innovative products and solutions we can provide you!

[facebook](#) [YouTube](#) [LinkedIn](#) [Instagram](#)

Σκανάρετε το QR code και βρείτε μας στο κοινωνικό μέσο της επιλογής σας



Scan the QR code and find us on the social media of your choice



Banking Accounts

Τραπεζικοί λογαριασμοί

Στοιχεία τραπεζικών λογαριασμών **EUROLAMP ABEE**
EUROLAMP SA banking accounts

ΕΘΝΙΚΗ ΤΡΑΠΕΖΑ / NBG: 224/470122-40
IBAN: GR79 0110 2240 0000 2244 7012 240

ΕΘΝΙΚΗ ΤΡΑΠΕΖΑ / NBG: 840/470602-19
IBAN: GR4801108400000084047060219

ΤΡΑΠΕΖΑ ΠΕΙΡΑΙΩΣ / PIRAEUS BANK: 5229-063351-500
IBAN: GR26 0172 2290 0052 2906 3351 500

ALPHA BANK: 703 00 2002 016002
IBAN: GR86 0140 7030 7030 0200 2016 002

EUROBANK: 0026.0216.91.0200622333
IBAN: GR72 0260 2160 0009 1020 0622 333

Στοιχεία τραπεζικών λογαριασμών Βελγίου **EUROLAMP BELGIUM SPRL**
EUROLAMP BELGIUM SPRL banking accounts

BENEFICIARY NAME: EUROLAMP BELGIUM SPRL
BENEFICIARY ADDRESS: 829, Chaussee De Marche BTE2 B-5100 WIERDE BELGIUM
BANK: AXA BANK BELGIUM
IBAN ACCOUNT: BE87751207895894
BIC: AXABBE22

Certifications

Πιστοποίησεις



ISO 9001:2015
ISO 14001:2015
ISO 27001:2013
ISO 45001:2018
ISO 14001:2015
CERTIFIED



ΥΠΟΥΡΓΙΚΗ ΑΠΟΦΑΣΗ
ΔΥ8Δ/Γ.Π. ΟΙΚ/1348/2004
ISO 13485:2016
CERTIFIED



ISO 37001
ISO 39001



ISO 5001:2018



ΣΥΛΛΟΓΙΚΟ ΣΥΣΤΗΜΑ
ΕΝΑΛΛΑΚΤΙΚΗΣ ΔΙΑΧΕΙΡΙΣΗΣ ΦΟΡΗΤΩΝ
ΗΛΕΚΤΡΙΚΩΝ ΣΗΜΑΝ



Παροχή προϊόντων και υπηρεσιών, σύμφωνα με τις κορυφαίες προδιαγραφές και απαιτήσεις ποιότητας

Εφαρμόζοντας τα διεθνή πρότυπα για ένα ενιαίο σύστημα διαχείρισης ποιότητας & περιβαλλοντικής διαχείρισης, η EUROLAMP είναι πιστοποιημένη με ISO 9001:2015 και ISO 14001:2015 και συμμετέχει σε αρκετά ολοκληρωμένα συστήματα ανακύκλωσης.

Η εταιρία έχοντας εισαχθεί στον κλάδο των βιοκτόνων και κλινικών προϊόντων, λειτουργεί σύμφωνα με το πρότυπο ISO 13485 και την Υ/Α 1348 ώστε να διασφαλίζεται η ασφαλής και ακίνδυνη για την υγεία, διανομή των προϊόντων. Πιστοποιημένα προϊόντα για ασφαλή χρήση με βάση την Ευρωπαϊκή και Διεθνή νομοθεσία και εφόσον απαιτείται, διαθέτουν έγκριση από τον ΕΟΦ, έγκριση από τον ευρωπαϊκό οργανισμό χημικών προϊόντων ECHA και κατοχύρωση στην ευρωπαϊκή βάση δεδομένων, συμμορφούμενα με την κοινοτική και εθνική νομοθεσία.

Η εταιρία μέχρι το τέλος του 2022 θα πιστοποιηθεί σε άλλα πέντε συστήματα, της διαχείρισης της οδικής ασφάλειας, της προστασίας δωροδοκίας, της επιχειρησιακής συνέχειας, των παροχών σε κτίρια και της κοινωνικής ευθύνης.

Επίσης, εγκατέστησε ένα σύστημα διαχείρισης ασφάλειας πληροφοριών, που είναι σύμφωνο με το πρότυπο ISO 27001:2013.

Με όραμα την αειφόρο ανάπτυξη, δεσμεύεται για την προσπάθεια μείωσης της ενεργειακής κατανάλωσης και των εκπεμπόμενων ρύπων που αφορούν στις δραστηριότητές παραγωγής και εμπορίας ηλεκτρολογικού υλικού στις κεντρικές εγκαταστάσεις της στα Διαβατά Θεσσαλονίκης, μέσω του συστήματος ενεργειακής διαχείρισης σύμφωνα με το πρότυπο ISO 50001:2018.

Products supply and services, according to the highest quality and specifications requirements

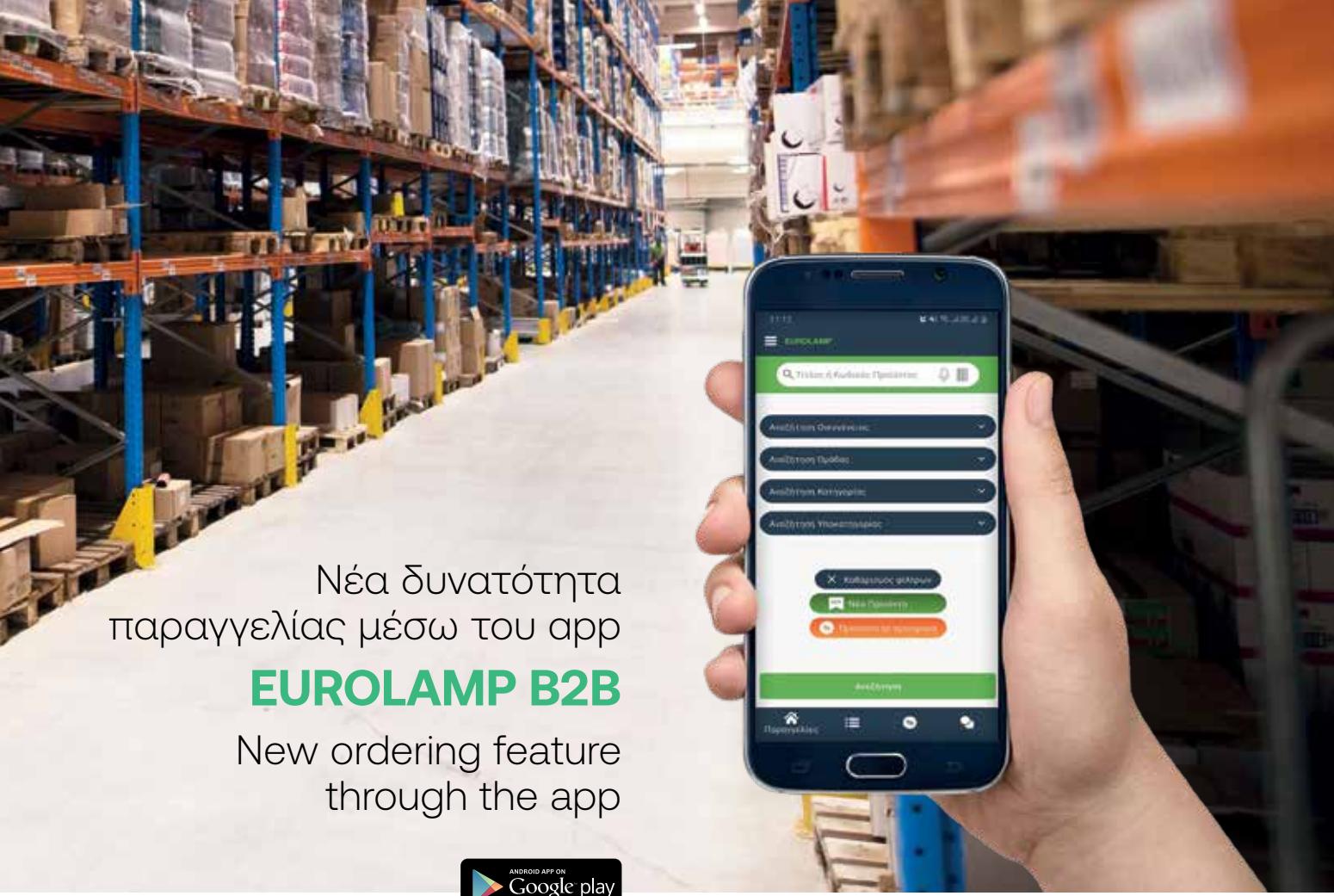
In compliance with all the international standards for a unified full quality and environmental management system, EUROLAMP SA is certified with a ISO 9001:2015 and a ISO 14001:2015 and participates in several integrated recycling systems.

The company, having entered the biocidal and clinical products, it operates according to ISO 13485 standards and Ministerial Decision 1348, so as to secure the safe and harmless for health, products distribution. It markets certified products for safe use, according to European and international law, which have the National Organization for Medicines approval, wherever imposed, European Chemicals Agency approval as well as the patent in the European database, and are compliant to the European and national legislation.

By the end of 2022, the company will be certified in five additional systems: road safety management, bribery safety management, business continuity, buildings supply and social responsibility.

What's more, the company has installed an information safety system, which is in accordance to the ISO 27001:2013 standard.

With a vision to sustainable development, EUROLAMP SA is committed to an effort to limit power consumption and emitted pollutants from production activities and electrological supply trade at our central facilities at Diavata, Thessaloniki, through the power management system, according to ISO 50001:2018 standard.



Νέα δυνατότητα παραγγελίας μέσω του app

EUROLAMP B2B

New ordering feature through the app



Διαθεσιμότητα των προϊόντων

Ημερομηνία παραλαβής των προϊόντων στις αποθήκες μας

Καταχώρηση παραγγελίας

Παρακολούθηση της εξέλιξης της παραγγελίας

Πρόσβαση σε οικονομικά στοιχεία

Στον κατάλογο μας, σε κάθε κωδικό θα βρείτε και το barcode του. Με την εφαρμογή EUROLAMP B2B μπορείτε να σκανάρετε το barcode που επιθυμείτε και να κάνετε την παραγγελία σας εύκολα και γρήγορα! Ζητήστε μας να σας αποστείλουμε τους κωδικούς πρόσβασης!

Σχεδιασμένη και δομημένη σε πλήρη αρμονία με τη διαδικτυακή πλατφόρμα B2B, έρχεται να συμπληρώσει στο έπακρο όλες τις δυνατότητες που θα θέλατε να έχετε από ένα Ψηφιακό Πολύ-εργαλείο! Εντοπίστε τα προϊόντα που σας ενδιαφέρουν, αναζητήστε νέα προϊόντα, προσφορές και πρωθητικές ενέργειες, επαληθεύστε τη διαθεσιμότητα των κωδικών και την ημερομηνία παραλαβής των προϊόντων στις αποθήκες μας, προσθέστε κωδικούς στη παραγγελία σας απλά σκανάροντας το προϊόν και κρατείστε τον έλεγχο των παραγγελιών σας! Όλα αυτά μέσω του κινητού σας!

Τώρα μπορείτε να έχετε στο κινητό σας όλες τις πληροφορίες που χρειάζεστε άμεσα και εύκολα με ένα scroll! Κατεβάστε τη νέα mobile εφαρμογή EUROLAMP B2B από το App Store (iOS) ή το Play Store (ANDROID).

*Για οποιαδήποτε επιπρόσθετη πληροφορία σχετικά με την εφαρμογή EUROLAMP B2B App παρακαλούμε απευθυνθείτε στον πωλητή που σας εξυπηρετεί.

Availability of products

Delivery date of the products in our warehouses

Order entry

Monitoring progress of the order

Access to financial data

In our catalog, in each code you will find its barcode. With the EUROLAMP B2B application you can scan the barcode you want and place your order easily and quickly! Ask us to send you the passwords!

Designed and built in complete harmony with the B2B web platform, it comes to fill to the fullest all the possibilities you would like to have from a Digital Multi-tool! availability of codes and the date of receipt of products in our warehouses, add codes to your order simply by scanning the product and keep control of your orders! All this through your mobile!

Now you can have all the information you need on your mobile phone instantly and easily with one scroll! Download the new EUROLAMP B2B mobile application from the App Store (iOS) or the Play Store (ANDROID).



EUROLAMP®
Smart WiFi



Στη γκάμα των έξυπνων συσκευών για το σπίτι από τη EUROLAMP Smart, περιλαμβάνονται λαμπτήρες WiFi, προβολείς WiFi, αντάπτορες ρεύματος WiFi, πολύπριζα WiFi, «έξυπνα» τηλεχειριστήρια υπέρυθρων (IR remote controller) με την προοπτική για πολλές περισσότερες λύσεις στο άμεσο μέλλον.

Η εφαρμογή EUROLAMP Smart app είναι εύκολη στη χρήση και είναι πλήρως συμβατή με όλες τις συσκευές EUROLAMP Smart WiFi αλλά και όλες τις συσκευές που φέρουν την ένδειξη «Powered by TUYA». Άρα με μια εφαρμογή μπορεί ο χρήστης να ελέγχει όλες τις «έξυπνες» συσκευές χωρίς περιορισμούς.

The range of smart home appliances from EUROLAMP Smart includes WiFi Lamps, WiFi Flood Lights, WiFi power adapters, WiFi sockets, "smart" infrared remote controls with the prospect of many more solutions in the near future.

The EUROLAMP Smart app is easy to use and is fully compatible with all EUROLAMP Smart WiFi devices as well as all devices labeled "Powered by TUYA". So with only one application the user can manage all the "smart" devices without restrictions.





CONTENTS

Περιεχόμενα

10

PV MODULES

MONOFACIAL & BIFACIAL

34

INVERTERS

HYBRID & PV STRING

48

BATTERY SYSTEMS

LOW VOLTAGE, HIGH VOLTAGE & CONTAINERS

52

EV CHARGERS

DOMESTIC & COMMERCIAL USE

88

PORTABLE POWER STATIONS

PORTABLE PANEL & BATTERY

94

PHOTOVOLTAIC SYSTEM ACCESSORIES







 **AESOLAR**



Deutsche
Qualität
Garantiert



PV MODULES

MONO-CRYSTALLINE

AURORA MONOFACIAL	10
<hr/>	
AURORA BIFACIAL	14
<hr/>	
THUNDER MONOFACIAL	18
<hr/>	
ECLIPSE BIFACIAL	20
<hr/>	
COMET BIFACIAL	22
<hr/>	
METEOR MONOFACIAL	26
<hr/>	
METEOR BIFACIAL	28
<hr/>	
HSF MONOFACIAL	29
<hr/>	
THERMAL NEPTUNE MONOFACIAL	30
<hr/>	
TERRA BIFACIAL	31



MONO-CRYSTALLINE PV MODULE

AURORA

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυρίτιου
Mono Crystalline • Half-Cut Cells • Mono-Facial

415W

165-10052

450W

165-10051

550W

165-10056

600W

165-10057

660W

165-10058



Durable cover.



Pid resistant.



Resistant to salt corrosion.



Sand resistant.



Resistant to ammonia.



Extremely stable and tough.

High efficiency PV modules manufactured with **half cut technology**, which reduces thermal resistance and increases power output, leading to improved energy efficiency.

Extremely stable and tough construction, **certified for its resistance to salt corrosion, sand and ammonia**.

Effective **resistance to PID** (Potential Induced Degradation) phenomenon certified by TUV.

15 YEARS
PRODUCT WARRANTY

30 YEARS
PERFORMANCE
GUARANTEE



IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored

IEC 62716 (Ammonia corrosion)
IEC 61701 (Salt mist corrosion)
IEC 60068 (Sand and dust)
IEC 62804 (PID resistance)



EUROLAMP CODE	165-10052	165-10051	165-10056	165-10057	165-10058
Mechanical and design specification:					
Cell type	Gallium-doped Mono c-Si PERC, Half-cut cells, 182 mm	Gallium-doped Mono c-Si PERC, Half-cut cells, 166 mm	Gallium-doped Mono c-Si PERC, Half-cut cells, 182 mm	Gallium-doped Mono c-Si PERC, Half-cut cells, 210 mm	Gallium-doped Mono c-Si PERC, Half-cut cells, 210 mm
No. of cells	108	144	144	120	132
Glass	3.2 mm, high transmission, AR coated, tempered				
Encapsulation	EVA	EVA	EVA	EVA	EVA
Back cover	White backsheet				
Junction box	IP 68 rated	IP68 rated, 3 Bypass Diodes	IP 68 rated	IP68 rated, 3 Bypass Diodes	IP68 rated, 3 Bypass Diodes
Frame	30 mm anodized Aluminium alloy				
Cable	1 x 4 mm ² , 350 mm length or customized	1 x 4 mm ² , 350 mm length or customized	1 x 4 mm ² , 350 mm length or customized	1 x 4 mm ² , 350 mm length or customized	1 x 4 mm ² , 350 mm length or customized
Connectors	MC 4 / MC 4 compatible				
Dimension	1721 mm x 1133 mm x 30 mm	2094 mm x 1038 mm x 30 mm	2278 mm x 1133 mm x 30 mm	2171 mm x 1302 mm x 30 mm	2383 mm x 1302 mm x 30 mm
Weight	21 kg	22.5 kg	26.5 kg	30.5 kg	31.5 kg

Temperature ratings:

Operating temperature (°C)	-40 to +85				
Temp.coefficient of Pmax (%/°C)	-0.35	-0.35	-0.35	-0.34	-0.34

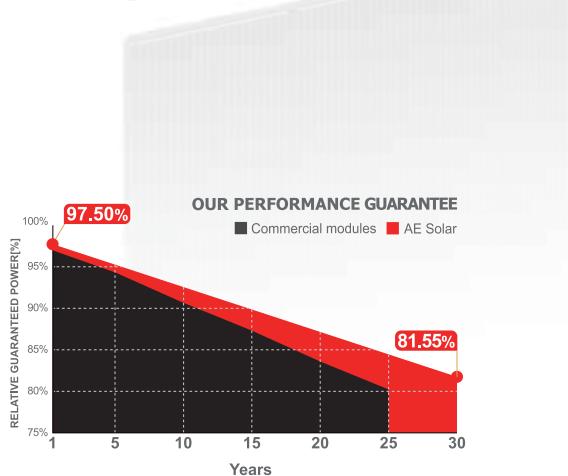
Electrical specifications (STC*):

Nominal Max. Power Pmax (Wp)	415	450	550	600	660
Maximum operating voltage VMPP (V)	32.12	41.4	42.57	34.40	37.80
Maximum operating current IMPP (A)	12.92	10.87	12.92	17.44	17.46
Open-circuit voltage Voc (V)	38.67	50.0	51.44	41.50	45.90
Short-circuit current Isc (A)	13.67	11.54	13.67	18.52	18.43
Module efficiency η (%)	21.28	20.7	21.31	21.23	21.27
Power tolerance (W)	0~+5	0~+5	0~+5	0~+5	0~+5
Maximum system Voltage (V)	1500	1500	1500	1500	1500
Maximum series fuse rating (A)	25	20	25	30	30

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)**Electrical specifications (NMOT*):**

Nominal Max. Power Pmax (Wp)	311	339	414	452	496
Maximum operating voltage VMPP (V)	30.10	39.0	40.10	32.40	35.50
Maximum operating current IMPP (A)	10.34	8.7	10.34	13.95	13.97
Open-circuit voltage Voc (V)	36.00	47.1	47.80	38.70	42.80
Short-circuit current Isc (A)	10.94	9.23	10.94	14.82	14.74

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)



MONO-CRYSTALLINE **PV MODULE BLACK**

AURORA

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυρίτιου
Mono Crystalline • Half-Cut Cells • Mono-Facial

395W

165-10061

400W

165-10062

405W

165-10063



Durable cover.



Pid resistant.



Resistant to salt corrosion.



Sand resistant.



Resistant to ammonia.



Extremely stable and tough.

High efficiency PV modules manufactured with **half cut technology**, which reduces thermal resistance and increases power output, leading to improved energy efficiency.

Extremely stable and tough construction, **certified for its resistance to salt corrosion, sand and ammonia**.

Effective **resistance to PID** (Potential Induced Degradation) phenomenon certified by TUV.

15 YEARS
PRODUCT WARRANTY

30 YEARS
PERFORMANCE GUARANTEE



IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored

IEC 62716 (Ammonia corrosion)
IEC 61701 (Salt mist corrosion)
IEC 60068 (Sand and dust)
IEC 62804 (PID resistance)



EUROLAMP CODE	165-10061	165-10062	165-10063
Mechanical and design specification:			
Cell type	Gallium-doped Mono c-Si PERC, Half-cut cells, 182 mm	Gallium-doped Mono c-Si PERC, Half-cut cells, 182 mm	Gallium-doped Mono c-Si PERC, Half-cut cells, 182 mm
No. of cells	108	108	108
Glass	3.2 mm, high transmission, AR coated, tempered	3.2 mm, high transmission, AR coated, tempered	3.2 mm, high transmission, AR coated, tempered
Encapsulation	EVA	EVA	EVA
Back cover	EVA-side Black, Rear-side White Backsheet	EVA-side Black, Rear-side White Backsheet	EVA-side Black, Rear-side White Backsheet
Junction box	IP68 rated, 3 Bypass Diodes	IP68 rated, 3 Bypass Diodes	IP68 rated, 3 Bypass Diodes
Frame	30 mm anodized Aluminium alloy	30 mm anodized Aluminium alloy	30 mm anodized Aluminium alloy
Cable	1 x 4 mm ² , 350 mm length or customized	1 x 4 mm ² , 350 mm length or customized	1 x 4 mm ² , 350 mm length or customized
Connectors	MC 4 / MC 4 compatible	MC 4 / MC 4 compatible	MC 4 / MC 4 compatible
Dimension	1721 mm x 1133 mm x 30 mm	1721 mm x 1133 mm x 30 mm	1721 mm x 1133 mm x 30 mm
Weight	20.3 kg	20.3 kg	20.3 kg

Temperature ratings:

Operating temperature (°C)	-40 to +85	-40 to +85	-40 to +85
Temp.coefficient of Pmax (%/°C)	-0.35	-0.35	-0.35

Electrical specifications (STC*):

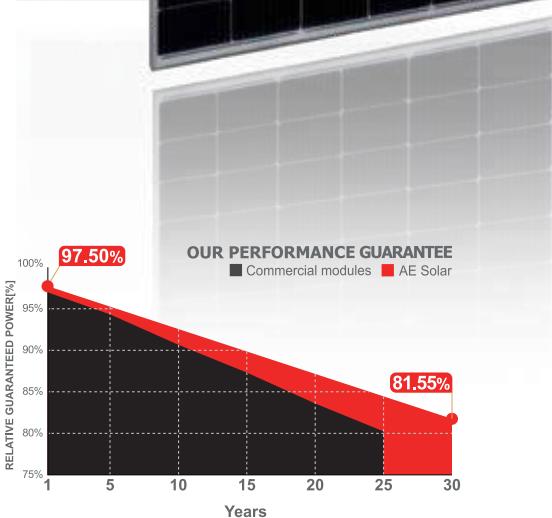
Nominal Max. Power	395	400	405
Maximum operating voltage	31.08	31.35	31.62
Maximum operating current	12.71	12.76	12.81
Open-circuit voltage	37.36	37.69	38.02
Short-circuit current	13.47	13.52	13.57
Module efficiency	20.26	20.51	20.77
Power tolerance	0 [~] +5	0 [~] +5	0 [~] +5
Maximum system Voltage	1500	1500	1500
Maximum series fuse rating	25	25	25

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

Nominal Max. Power Pmax (Wp)	298	301	304
Maximum operating voltage VMPP (V)	29.30	29.50	29.70
Maximum operating current IMPP (A)	10.17	10.21	10.25
Open-circuit voltage Voc (V)	35.20	35.40	35.60
Short-circuit current Isc (A)	10.78	10.82	10.86

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)



MONO-CRYSTALLINE PV MODULE

AURORA

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυρίτιου

Mono Crystalline • Half-Cut Cells • Bi-Facial • Single-Glass

370W

165-10091

450W

165-10093



Durable cover.



Pid resistant.



Resistant to salt corrosion.



Sand resistant.



Resistant to ammonia.



Extremely stable and tough.

The advanced construction of new technology Bi-facial PV modules, **produces energy from both sides**. Its back side, which is not directly exposed to the sun, absorbs all solar reflections from the surrounding area and maximizes their performance.

15 YEARS
PRODUCT
WARRANTY

30 YEARS
PERFORMANCE
GUARANTEE



IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored

IEC 62716 (Ammonia corrosion)
IEC 61701 (Salt mist corrosion)
IEC 60068 (Sand and dust)
IEC 62804 (PID resistance)



EUROLAMP CODE	165-10091	165-10093
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Mechanical and design specification:

Cell type	Gallium-doped Mono c-Si PERC, Half-cut cells, 166 mm	Gallium-doped Mono c-Si PERC, Half-cut cells, 182 mm
No. of cells	120	120
Bifaciality	70±5%	70±5%
Glass	3.2 mm, high transmission, AR coated, tempered	3.2 mm, high transmission, AR coated, tempered
Encapsulation	EVA	EVA
Back cover	Transparent Backsheet	Transparent Backsheet
Junction box	IP68 rated, 3 Bypass Diodes	IP68 rated, 3 Bypass Diodes
Frame	30 mm anodized Aluminium alloy	30 mm anodized Aluminium alloy
Cable	1x 4 mm ² , 350 mm length or customized	1x 4 mm ² , 350 mm length or customized
Connectors	MC 4 / MC 4 compatible	MC 4 / MC 4 compatible
Dimension	1754 mm x 1038 mm x 30 mm	1902 mm x 1133 mm x 30 mm
Weight	19 kg	23.5 kg

Temperature ratings:

Operating temperature (°C)	-40 to +85	-40 to +85
Temp.coefficient of Pmax (%/°C)	-0.34	-0.35

Electrical specifications (STC*):

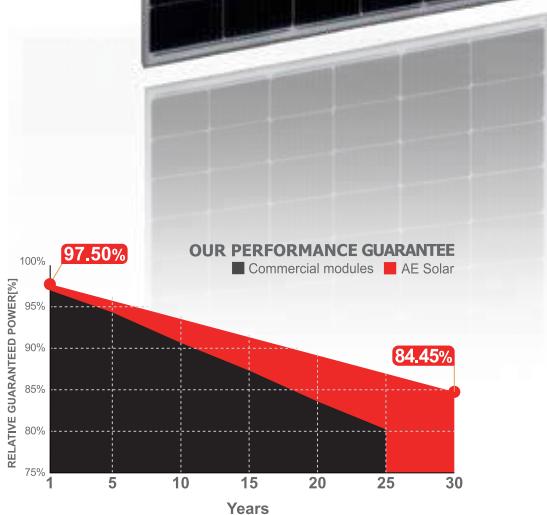
Nominal Max. Power Pmax (Wp)	370	450
Maximum operating voltage VMPP (V)	34.40	35.13
Maximum operating current IMPP (A)	10.76	12.81
Open-circuit voltage Voc (V)	41.30	41.98
Short-circuit current Isc (A)	11.6	13.57
Module efficiency η (%)	20.32	20.88
Power tolerance (W)	0~+5	0~+5
Maximum system Voltage (V)	1500	1500
Maximum series fuse rating (A)	20	25

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

Nominal Max. Power Pmax (Wp)	279	338
Maximum operating voltage VMPP (V)	32.4	33.00
Maximum operating current IMPP (A)	8.60	10.25
Open-circuit voltage Voc (V)	38.90	39.20
Short-circuit current Isc (A)	9.28	10.86

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)



MONO-CRYSTALLINE PV MODULE

AURORA

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυρίτιου

Mono Crystalline • Half-Cut Cells • Bi-Facial • Double-Glass

650W

165-10095



Lid resistant.



Pid resistant.



Resistant to salt corrosion.



Sand resistant.



Resistant to ammonia.



Extremely stable and tough.

The advanced construction of new technology Bi-facial PV modules, **produces energy from both sides**. Its back side, which is not directly exposed to the sun, absorbs all solar reflections from the surrounding area and maximizes their performance.

15 YEARS
PRODUCT
WARRANTY

30 YEARS
PERFORMANCE
GUARANTEE



IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored

IEC 62716 (Ammonia corrosion)
IEC 61701 (Salt mist corrosion)
IEC 60068 (Sand and dust)
IEC 62804 (PID resistance)



EUROLAMP CODE	165-10095
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Mechanical and design specification:

Cell type	Gallium-doped Mono c-Si PERC, Half-cut cells, 210 mm
No. of cells	132
Bifaciality	70±5%
Glass	2.0 mm, high transmission, AR coated, tempered
Encapsulation	POE
Back cover	2.0 mm, high transmission solar glass, tempered
Junction box	IP68 rated, 3 Bypass Diodes
Frame	30 mm anodized Aluminium alloy
Cable	1x 4 mm ² , 350 mm length or customized
Connectors	MC 4 / MC 4 compatible
Dimension	2383 mm x 1302 mm x 30 mm
Weight	37 kg
Hail resistance	Max. Ø 25 mm at 23 m/s
Wind load	2400 Pa/ 244 kg/ m ²
Mechanical load	5400 Pa/ 550 kg/ m ²

Temperature ratings:

Operating temperature (°C)	-40 to +85
Temp.coefficient of Pmax (%/°C)	-0.34

Electrical specifications (STC*):

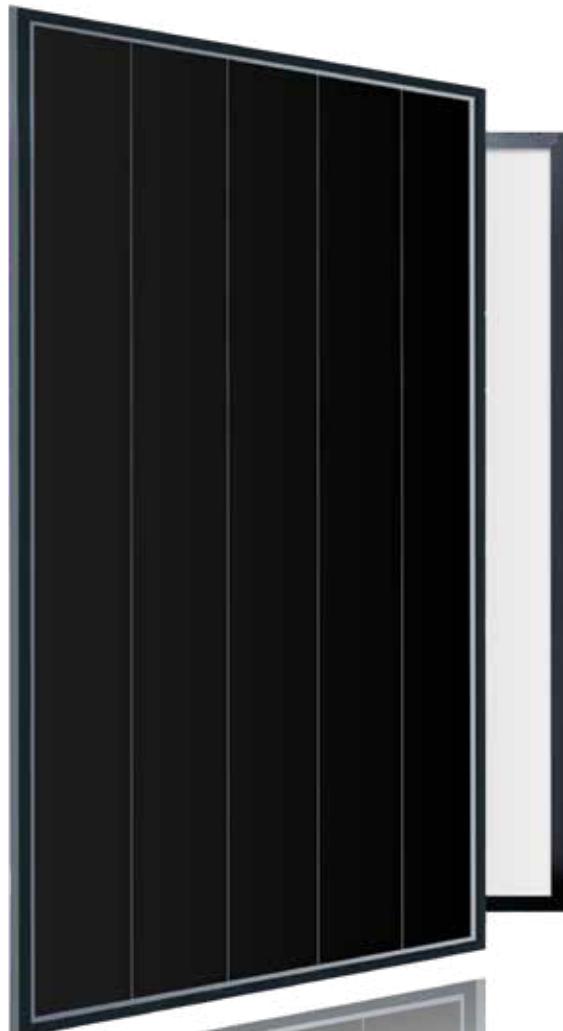
Nominal Max. Power Pmax (Wp)	650
Maximum operating voltage VMPP (V)	37.40
Maximum operating current IMPP (A)	17.38
Open-circuit voltage Voc (V)	45.50
Short-circuit current Isc (A)	18.32
Module efficiency η (%)	20.95
Power tolerance (W)	0~+5
Maximum system Voltage (V)	1500
Maximum series fuse rating (A)	30

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

Nominal Max. Power Pmax (Wp)	488
Maximum operating voltage VMPP (V)	35.10
Maximum operating current IMPP (A)	13.90
Open-circuit voltage Voc (V)	42.40
Short-circuit current Isc (A)	14.66

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)



MONO-CRYSTALLINE

PV MODULE BLACK

THUNDER

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυρίτιου

Mono Crystalline • Shingled Technology • Mono-Facial

420W

165-10071

440W

165-10072

The Black PV modules stand out immediately. They are **designed to minimize losses even in low sunlight conditions**. Suitable for all photovoltaic installations, as they are particularly attractive in applications that combine efficient energy production with discreet aesthetics.

15 YEARS
PRODUCT WARRANTY

30 YEARS
PERFORMANCE
GUARANTEE



IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored



EUROLAMP CODE	165-10071	165-10072
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Mechanical and design specification:

Cell type	Mono c-Si PERC, Shingled cells, 210 mm	Mono c-Si PERC, Shingled cells, 210 mm
No. of cells	305 (61x5)	320 (64x5)
Glass	3.2 mm, high transmission, AR coated, tempered	3.2 mm, high transmission, AR coated, tempered
Encapsulation	EVA	EVA
Back cover	White Backsheet	White Backsheet
Junction box	IP68 rated, 2 Bypass Diodes	IP68 rated, 2 Bypass Diodes
Frame	30 mm anodized Aluminium alloy, full black	30 mm anodized Aluminium alloy, full black
Cable	Anode 300 mm, Cathode 1000 mm or customized	Vertical +300 mm / -1000 mm or customized
Connectors	MC 4 / MC 4 compatible	MC 4 / MC 4 compatible
Dimension	1812 mm x 1096 mm x 30 mm	1899 mm x 1096 mm x 30 mm
Weight	20.8 kg	21.8 kg

Temperature ratings:

Operating temperature (°C)	-40 to +85	-40 to +85
Temp.coefficient of Pmax (%/°C)	-0.34	-0.34

Electrical specifications (STC*):

Nominal Max. Power Pmax (Wp)	420	440
Maximum operating voltage VMPP (V)	34.5	36,3
Maximum operating current IMPP (A)	12.19	12.13
Open-circuit voltage Voc (V)	41.60	43.7
Short-circuit current Isc (A)	12.92	12.90
Module efficiency η (%)	21.15	21.14
Power tolerance (W)	0~+5	0~+5
Maximum system Voltage (V)	1500	1500
Maximum series fuse rating (A)	25	25

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

Nominal Max. Power Pmax (Wp)	316	331
Maximum operating voltage VMPP (V)	32.9	34.6
Maximum operating current IMPP (A)	9.62	9.57
Open-circuit voltage Voc (V)	39.7	41.7
Short-circuit current Isc (A)	10.41	10.41

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)



MONO-CRYSTALLINE
PV MODULE
TOTAL BLACK
ECLIPSE

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυρίτιου
Mono Crystalline • Shingled Technology • Mono-Facial

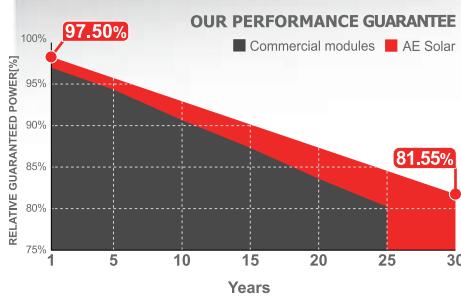
415W

165-10073

435W

165-10074

The Full Black PV modules stand out immediately. Constructed with a black frame, they are **designed to minimize losses even in low sunlight conditions**. Suitable for all photovoltaic installations, it is particularly attractive in applications that combine efficient energy production with discreet aesthetics.



15 YEARS
PRODUCT WARRANTY

30 YEARS
PERFORMANCE
GUARANTEE



IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored



EUROLAMP CODE	165-10073	165-10074
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Mechanical and design specification:

Cell type	Mono c-Si PERC, Shingled cells, 210 mm	Mono c-Si PERC, Shingled cells, 210 mm
No. of cells	305 (61x5)	320 (64x5)
Glass	3.2 mm, high transmission, AR coated, tempered	3.2 mm, high transmission, AR coated, tempered
Encapsulation	EVA	EVA
Back cover	EVA-side black, rear-side white backsheet	EVA-side black, rear-side white backsheet
Junction box	IP68 rated, 2 Bypass Diodes	IP68 rated, 2 Bypass Diodes
Frame	30 mm anodized Aluminium alloy, full black	30 mm anodized Aluminium alloy, full black
Cable	Anode 300 mm, Cathode 1000 mm or customized	Vertical +500 mm / -1100 mm or customized
Connectors	MC 4 / MC 4 compatible	MC 4 / MC 4 compatible
Dimension	1812 mm x 1096 mm x 30 mm	1899 mm x 1096 mm x 30 mm
Weight	20.8 kg	21.8 kg

Temperature ratings:

Operating temperature (°C)	-40 to +85	-40 to +85
Temp.coefficient of Pmax (%/°C)	-0.34	-0.34

Electrical specifications (STC*):

Nominal Max. Power Pmax (Wp)	415	435
Maximum operating voltage VMPP (V)	34.4	36.2
Maximum operating current IMPP (A)	12.08	12.02
Open-circuit voltage Voc (V)	41.5	43.6
Short-circuit current Isc (A)	12.80	12.79
Module efficiency η (%)	20.90	20.90
Power tolerance (W)	0~+5	0~+5
Maximum system Voltage (V)	1500	1500
Maximum series fuse rating (A)	25	25

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

Nominal Max. Power Pmax (Wp)	312	328
Maximum operating voltage VMPP (V)	32.8	34.5
Maximum operating current IMPP (A)	9.53	9.49
Open-circuit voltage Voc (V)	39.60	41.6
Short-circuit current Isc (A)	10.31	10.32

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)



MONO-CRYSTALLINE PV MODULE

COMET

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυρίτιου

Silicon Heterojunction • Half-Cut Cells • Bi-Facial • Double-Glass

570W

165-10240

575W

165-10241

580W

165-10242

620W

165-10243



LID resistant.



Highly stable and tough.

The advanced construction of new technology Bi-facial PV modules, **produces energy from both sides**. Its back side, which is not directly exposed to the sun, absorbs all solar reflections from the surrounding area and maximizes their performance.

15 YEARS PRODUCT WARRANTY | **30** YEARS PERFORMANCE GUARANTEE



IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored



EUROLAMP CODE	165-10240	165-10241	165-10242	165-10243
Mechanical and design specification:				
Cell type	Silicon Heterojunction Technology, Half-cut cells, 210 mm			
No. of cells	110	110	110	120
Bifaciality	80±5%	80±5%	80±5%	80±5%
Glass	2.0 mm, high transmission, AR coated, tempered			
Encapsulation	POE	POE	POE	POE
Back cover	2.0 mm, high transmission solar glass, tempered			
Junction box	IP68 rated	IP68 rated	IP68 rated	IP68 rated
Frame	35 mm anodized Aluminium alloy			
Cable	1x 4 mm ² , 200 mm length or customized	1x 4 mm ² , 200 mm length or customized	1x 4 mm ² , 200 mm length or customized	1x 4 mm ² , 200 mm length or customized
Connectors	MC 4 / MC 4 compatible			
Dimension	2383 mm x 1095 mm x 35 mm	2383 mm x 1095 mm x 35 mm	2383 mm x 1095 mm x 35 mm	2171 mm x 1302 mm x 35 mm
Weight	32.3kg	32.3kg	32.3kg	35.3kg

Temperature ratings:

Operating temperature (°C)	-40 to +85	-40 to +85	-40 to +85	-40 to +85
Temp.coefficient of Pmax (%/°C)	-0.26	-0.26	-0.26	-0.26

Electrical specifications (STC*):

Nominal Max. Power Pmax (Wp)	570	575	580	620
Maximum operating voltage VMPP (V)	34.53	34.71	34.88	37.69
Maximum operating current IMPP (A)	16.51	16.57	16.63	16.45
Open-circuit voltage Voc (V)	41.16	41.35	41.54	44.95
Short-circuit current Isc (A)	17.31	17.37	17.43	17.25
Module efficiency η (%)	21.84	22.04	22.23	21.93
Power tolerance (W)	0 [~] +5	0 [~] +5	0 [~] +5	0 [~] +5
Maximum system Voltage (V)	1500	1500	1500	1500
Maximum series fuse rating (A)	30	30	30	30

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

Nominal Max. Power Pmax (Wp)	427	431	435	465
Maximum operating voltage VMPP (V)	32.37	32.53	32.70	35.33
Maximum operating current IMPP (A)	13.21	13.26	13.30	13.16
Open-circuit voltage Voc (V)	38.59	38.79	39.00	42.12
Short-circuit current Isc (A)	13.85	13.90	13.94	13.80

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)



MONO-CRYSTALLINE PV MODULE COMET

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυρίτιου
Silicon Heterojunction • Half-Cut Cells • Bi-Facial • Double-Glass

625W

165-10245

685W

165-10246

690W

165-10247

695W

165-10248



LID resistant.



Highly stable and tough.

The advanced construction of new technology Bi-facial PV modules, **produces energy from both sides**. Its back side, which is not directly exposed to the sun, absorbs all solar reflections from the surrounding area and maximizes their performance.

15 YEARS
PRODUCT
WARRANTY

30 YEARS
PERFORMANCE
GUARANTEE



IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored



EUROLAMP CODE	165-10245 625W	165-10246 685W	165-10247 690W	165-10248 695W
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Mechanical and design specification:

Cell type	Silicon Heterojunction Technology, Half-cut cells, 210 mm			
No. of cells	120	132	132	132
Bifaciality	80±5%	80±5%	80±5%	80±5%
Glass	2.0 mm, high transmission, AR coated, tempered			
Encapsulation	POE	POE	POE	POE
Back cover	2.0 mm, high transmission solar glass, tempered	2.0 mm white glazed glass, tempered	2.0 mm white glazed glass, tempered	2.0 mm white glazed glass, tempered
Junction box	IP68 rated	IP68 rated	IP68 rated	IP68 rated
Frame	35 mm anodized Aluminium alloy			
Cable	1 x 4 mm ² , 200 mm length or customized	1 x 4 mm ² , 200 mm length or customized	1 x 4 mm ² , 200 mm length or customized	1 x 4 mm ² , 200 mm length or customized
Connectors	MC 4 / MC 4 compatible			
Dimension	2171 mm x 1302 mm x 35 mm	2383 mm x 1302 mm x 35 mm	2383 mm x 1302 mm x 35 mm	2383 mm x 1302 mm x 35 mm
Weight	35.3kg	38.7kg	38.7kg	38.7kg

Temperature ratings:

Operating temperature (°C)	-40 to +85	-40 to +85	-40 to +85	-40 to +85
Temp.coefficient of Pmax (%/°C)	-0.26	-0.26	-0.26	-0.26

Electrical specifications (STC*):

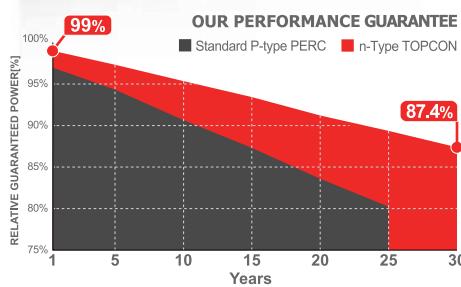
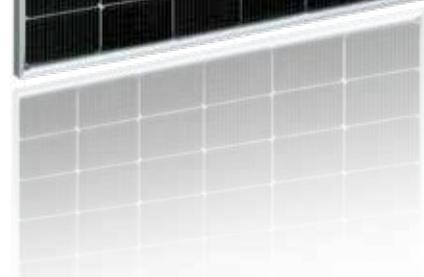
Nominal Max. Power Pmax (Wp)	625	685	690	695
Maximum operating voltage VMPP (V)	37.86	41.65	41.80	41.95
Maximum operating current IMPP (A)	16.51	16.45	16.51	16.57
Open-circuit voltage Voc (V)	45.13	49.66	49.82	49.98
Short-circuit current Isc (A)	17.31	17.25	17.31	17.37
Module efficiency η (%)	22.11	22.08	22.24	22.40
Power tolerance (W)	0°+5	0°+5	0°+5	0°+5
Maximum system Voltage (V)	1500	1500	1500	1500
Maximum series fuse rating (A)	30	30	30	30

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

Nominal Max. Power Pmax (Wp)	468	513	517	521
Maximum operating voltage VMPP (V)	35.49	39.04	39.18	39.32
Maximum operating current IMPP (A)	13.21	13.16	13.21	13.26
Open-circuit voltage Voc (V)	42.31	46.54	46.71	46.89
Short-circuit current Isc (A)	13.85	13.80	13.85	13.90

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)



MONO-CRYSTALLINE PV MODULE BLACK

METEOR

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυρίτιου

N-Type Topcon Technology • Half-Cut Cells • Mono-Facial

425W

165-10270

480W

165-10271

570W

165-10272



LID resistant.



Pid resistant.



Resistant to salt corrosion.



Sand resistant.



Resistant to ammonia.



Extremely stable and tough.

High efficiency PV modules manufactured with **half cut technology**, which reduces thermal resistance and increases power output, leading to improved energy efficiency.

Extremely stable and tough construction, **certified for its resistance to salt corrosion, sand and ammonia**.

Effective **resistance to PID** (Potential Induced Degradation) phenomenon certified by TUV.

15 YEARS
PRODUCT WARRANTY

30 YEARS
PERFORMANCE GUARANTEE



IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored

IEC 62716 (Ammonia corrosion)
IEC 61701 (Salt mist corrosion)
IEC 60068 (Sand and dust)
IEC 62804 (PID resistance)



EUROLAMP CODE

165-10270
425W165-10271
480W165-10272
570W**Mechanical and design specification:**

Cell type	N-type TOPCon Technology, Half-cut cells, 182 mm	N-type TOPCon Technology, Half-cut cells, 182 mm	N-type TOPCon Technology, Half-cut cells, 182 mm
No. of cells	108	120	120
Glass	3.2 mm, high transmission, AR coated, tempered	3.2 mm, high transmission, AR coated, tempered	3.2 mm, high transmission, AR coated, tempered
Encapsulation	EVA	EVA	EVA
Back cover	White Backsheet	White Backsheet	White Backsheet
Junction box	IP68, 3 Bypass Diodes	IP68 rated, 3 Bypass Diodes	IP68 rated, 3 Bypass Diodes
Frame	30 mm anodized Aluminium alloy	30 mm anodized Aluminium alloy	30 mm anodized Aluminium alloy
Cable	1 x 4 mm ² , 350 mm length or customized	1 x 4 mm ² , 350 mm lenght or customized	1 x 4 mm ² , 350 mm lenght or customized
Connectors	MC 4 / MC 4 compatible	MC 4 / MC 4 compatible	MC 4 / MC 4 compatible
Dimension	1721 mm x 1133 mm x 30 mm	1902 mm x 1133 mm x 30 mm	1902 mm x 1133 mm x 30 mm
Weight	21 kg	22.5 kg	26.5 kg

Temperature ratings:

Operating temperature (°C)	-40 to +85	-40 to +85	40 to +85
Temp.coefficient of Pmax (%/°C)	-0.3	-0.3	-0.30

Electrical specifications (STC*):

Nominal Max. Power Pmax (Wp)	425	480	570
Maximum operating voltage VMPP (V)	32.25	35.38	42.72
Maximum operating current IMPP (A)	13.18	13.57	13.34
Open-circuit voltage Voc (V)	38.08	42.71	50.55
Short-circuit current Isc (A)	14.10	14.31	14.26
Module efficiency η (%)	21.80	22.27	22.08
Power tolerance (W)	0~+5	0~+5	0~+5
Maximum system Voltage (V)	1500	1500	1500
Maximum series fuse rating (A)	25	25	25

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)**Electrical specifications (NMOT*):**

Nominal Max. Power Pmax (Wp)	323.5	361	434.0
Maximum operating voltage VMPP (V)	29.9	33.27	39.70
Maximum operating current IMPP (A)	10.81	10.85	10.94
Open-circuit voltage Voc (V)	36.0	40.57	47.80
Short-circuit current Isc (A)	11.37	11.55	11.50

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1 m/s)



LID resistant.



Pid resistant.



Resistant to salt corrosion.



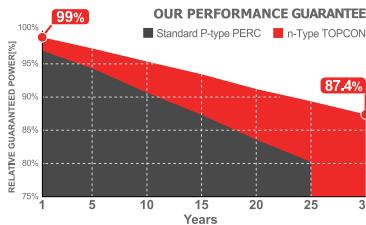
Sand resistant.



Resistant to ammonia.



Extremely stable and tough.



15 YEARS
PRODUCT
WARRANTY

30 YEARS
PERFORMANCE
GUARANTEE



IEC 62716 (Ammonia corrosion)
IEC 61701 (Salt mist corrosion)
IEC 60068 (Sand and dust)
IEC 63904 (PID resistance)



MONO-CRYSTALLINE PV MODULE

METEOR

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυριτίου

N-Type Topcon Technology • Half-Cut Cells • Bifacial • Double Glass

570W

165-10300

Mechanical and design specification:

Cell type	N-type TOPCon Technology, Half-cut cells, 182 mm
No. of cells	144
Bifaciality	80±5&
Glass	2.0 mm, high transmission, AR coated, tempered
Encapsulation	POE
Back cover	2.0 mm white glazed glass, tempered
Junction box	IP68 rated
Frame	30 mm anodized Aluminium alloy
Cable	1 x 4 mm ² , 1200 mm length or customized
Connectors	MC 4 / MC 4 compatible
Dimension	2278 mm x 1133 mm x 30 mm
Weight	32.5 kg

Temperature ratings:

Operating temperature (°C)	-40 to +85
Temp.coefficient of Pmax (%/°C)	-0.31

Electrical specifications (STC*):

Nominal Max. Power Pmax (Wp)	570
Maximum operating voltage VMPP (V)	42.72
Maximum operating current IMPP (A)	13.34
Open-circuit voltage Voc (V)	50.55
Short-circuit current Isc (A)	14.26
Module efficiency η (%)	22.08
Power tolerance (W)	0~+5
Maximum system Voltage (V)	1500
Maximum series fuse rating (A)	25

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

Nominal Max. Power Pmax (Wp)	434.0
Maximum operating voltage VMPP (V)	39.70
Maximum operating current IMPP (A)	10.94
Open-circuit voltage Voc (V)	47.80
Short-circuit current Isc (A)	11.50

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1m/s)



Shading resistant.



Hot Spot resistant.



Pid resistant.



Resistant to salt corrosion.



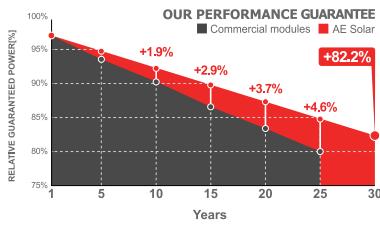
Sand resistant.



Resistant to ammonia.



Extremely stable and tough.



15 YEARS
PRODUCT
WARRANTY

30 YEARS
PERFORMANCE
GUARANTEE



IEC 62716 (Ammonia corrosion)
IEC 61701 (Salt mist corrosion)
IEC 60068 (Sand and dust)
IEC 63904 (PID resistance)



MONO-CRYSTALLINE PV MODULE

HSF

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυριτίου

Smart Hot-Spot Free Shading Resistant Technology

Full Cells • Mono-Facial

325W

165-10280

Mechanical and design specification:

Cell type	Mono c-Si PERC, Full cells, 158.75mm
No. of cells	60
Glass	3.2 mm, high transmission, AR coated, tempered
Encapsulation	EVA
Back cover	White Backsheet
Junction box	IP68 rated
Frame	35 mm anodized Aluminium alloy
Cable	1 x 4 mm ² , 1200 mm length or customized
Connectors	MC 4 / MC 4 compatible
Dimension	1690 mm x 996 mm x 35 mm
Weight	19 kg

Temperature ratings:

Operating temperature (°C)	-40 to +85
Temp.coefficient of Pmax (%/°C)	-0.37

Electrical specifications (STC*):

Nominal Max. Power Pmax (Wp)	325
Maximum operating voltage VMPP (V)	33.61
Maximum operating current IMPP (A)	19.68
Open-circuit voltage Voc (V)	41.10
Short-circuit current Isc (A)	10.20
Module efficiency η (%)	19.31
Power tolerance (W)	0 ⁺ 5
Maximum system Voltage (V)	1500
Maximum series fuse rating (A)	15

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

Nominal Max. Power Pmax (Wp)	245
Maximum operating voltage VMPP (V)	31.60
Maximum operating current IMPP (A)	7.74
Open-circuit voltage Voc (V)	37.90
Short-circuit current Isc (A)	8.16

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1m/s)



LID resistant.



Pid resistant.



Resistant to salt corrosion.



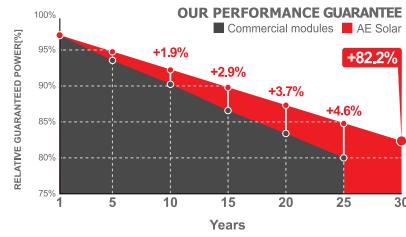
Sand resistant.



Resistant to ammonia.



Extremely stable and tough.



15 YEARS
PRODUCT WARRANTY

30 YEARS
PERFORMANCE GUARANTEE



IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored

IEC 62795 (Ammonia corrosion)
IEC 61701 (Salt mist corrosion)
IEC 60068 (Sand and dust)
IEC 62804 (PID resistance)



MONO-CRYSTALLINE PV MODULE

THERMAL NEPTUNE

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυριτίου

PVT collectors provide both electrical & thermal energy

Half-Cut Cells • Mono-Facial

380W

165-10285

Mechanical and design specification:

Cell type	Gallium-doped Mono c-Si PERC, Half-cut cells, 166 mm
No. of cells	120
Bifaciality	Low iron %, AR glass 3.2mm
Glass	EVA
Encapsulation	White Backsheet
Back cover	IP68 rated
Junction box	anodized Aluminium alloy
Frame	1 x 4 mm ² , 350 mm length or customized
Cable	MC 4 / MC 4 compatible
Connectors	1755 mm x 1038 mm x 35 mm
Dimension	33 kg
Weight	32.5 kg

Thermal specifications

Peak thermal power / m ²	529 Wp
Peak thermal power / collector	964 Wp

Electrical specifications (STC*):

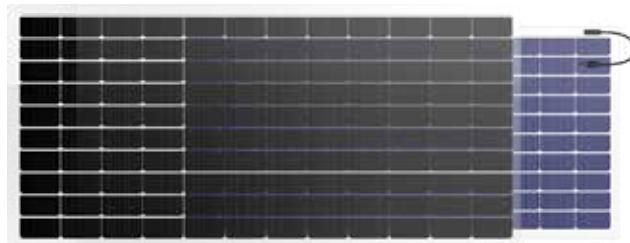
Nominal Max. Power Pmax (Wp)	380
Maximum operating voltage VMPP (V)	34.60
Maximum operating current IMPP (A)	10.92
Open-circuit voltage Voc (V)	41.70
Short-circuit current Isc (A)	11.80
Module efficiency η (%)	20.86
Power tolerance (W)	0 ⁺ 5
Maximum system Voltage (V)	1500
Maximum series fuse rating (A)	20

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

Nominal Max. Power Pmax (Wp)	287
Maximum operating voltage VMPP (V)	32.80
Maximum operating current IMPP (A)	8.74
Open-circuit voltage Voc (V)	39.30
Short-circuit current Isc (A)	9.44

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1m/s)



No self shading.



LID resistant.



Pid resistant.



Resistant to salt corrosion.



Extreme resistance to wind.



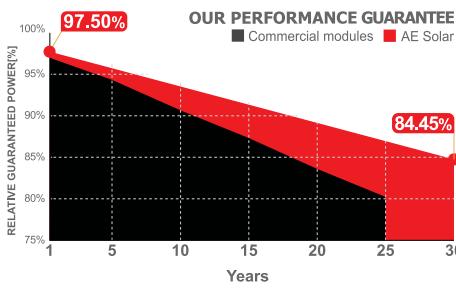
Sand resistant.



Resistant to ammonia.



Extremely stable and tough.



15 YEARS
PRODUCT
WARRANTY

30 YEARS
PERFORMANCE
GUARANTEE



IEC 61215
IEC 61730
Regular Production Surveillance
Type Tested and Monitored

IEC 62716 (Ammonia corrosion)
IEC 61701 (Salt mist corrosion)
IEC 60068 (Sand and dust)
IEC 62804 (PID resistance)



MONO-CRYSTALLINE PV MODULE

TERRA

Φωτοβολταϊκά πάνελ μονοκρυσταλλικού πυρίτιου

Extreme resistance to **wind and snow**

Highest **bifaciality** in real conditions

Half Cut Cells • Bifacial • Double Glass

505W

165-10400

Mechanical and design specification:

Cell type	Gallium-doped Mono c-Si PERC, Half-cut cells, 182 mm
No. of cells	132
Bifaciality	70±5%
Glass	2.0 mm, high transmission, AR coated, tempered
Encapsulation	POE
Back cover	2.0 mm, high transmission solar glass, tempered
Junction box	IP68 rated
Frame	30 mm anodized Aluminium alloy
Cable	1 x 4 mm ² , 350 mm length or customized
Connectors	MC 4 / MC 4 compatible
Dimension	1070 mm x 2235 mm x 30 mm
Weight	30.5 kg

Temperature ratings:

Operating temperature (°C)	-40 to +85
Temp.coefficient of Pmax (%/°C)	-0.35

Electrical specifications (STC*):

Nominal Max. Power Pmax (Wp)	505
Maximum operating voltage VMPP (V)	39.27
Maximum operating current IMPP (A)	12.86
Open-circuit voltage Voc (V)	46.93
Short-circuit current Isc (A)	13.62
Module efficiency η (%)	21.10
Power tolerance (W)	0 ⁺ 5
Maximum system Voltage (V)	1500
Maximum series fuse rating (A)	25

*STC: Standard test conditions (Irradiance 1000 W/m², Cell temperature 25°C and air mass of AM1.5)

Electrical specifications (NMOT*):

Nominal Max. Power Pmax (Wp)	377
Maximum operating voltage VMPP (V)	36.60
Maximum operating current IMPP (A)	10.29
Open-circuit voltage Voc (V)	43.80
Short-circuit current Isc (A)	10.90

*NMOT: Normal Module Operating Temperature (Irradiance 800 W/m², Ambient temperature 20°C, air mass of AM1.5 and wind speed of 1m/s)



Afore
GREECE

EUROLAMP®

Pioneers in New Technology !

Αποκλειστικός
αντιπρόσωπος
Ελλάδος



INVERTERS

SINGLE & THREE PHASE

HYBRID STORAGE INVERTER 34
SINGLE PHASE

HYBRID STORAGE INVERTER PLUS SERIES 36
SINGLE PHASE

HYBRID STORAGE INVERTER 38
THREE PHASE

HYBRID STORAGE INVERTER PLUS SERIES 40
THREE PHASE

PV STRING INVERTER 42
SINGLE PHASE

PV STRING INVERTER 45
THREE PHASE

HYBRID STORAGE INVERTER

SINGLE PHASE

ALL HYBRID INVERTERS
WORK TOTALLY OFF GRID AS WELL



10 YEARS
PRODUCT
WARRANTY



SINGLE PHASE

HYBRID

STORAGE INVERTER

Μονοφασικός υβριδικός INVERTER

1-3 kW

1KW
165-13000

1.5KW
165-13001

2KW
165-13002

2.5KW
165-13003

3KW
165-13004



Support for Time-of-use Optimizaton



Configurable Operation Modes



Arc Fault Circuit Interrupter (AFCI) (Optional)



Build in Anti-feed-in Function.



Compact Size and Easy Installation.



Smart Monitoring & Remote Firmware Upgrade

EUROLAMP CODE	165-13000	165-13001	165-13002	165-13003	165-13004
PV Input					
Max. Input Power (kW)	1,5	2,3	3	3,8	4,5
Max. PV Voltage (V)			550		
MPPT Range (V)			80 - 500		
Full MPPT Range (V)	80-500	90-500	120-500	150-500	170-500
Normal Voltage (V)	360	360	360	360	360
Startup Voltage (V)	100	100	100	100	100
Max. Input Current (A)			18.5x1		
Max. Short Current (A)			26x1		
No. of MPP Tracker / No. of PV String			1/1		
Battery Port					
Max. Charge/Discharge Power (kW)	1	1,5	2	2,5	3
Max. Charge/Discharge Current (A)	25	40	50	63	80
Battery Normal Voltage (V)			51.2		
Battery Voltage Range (V)			40 - 60		
Battery Type			Li-ion / Lead-acid etc.		
General Data					
Dimensions (H x W x D, mm)			370 x 535 x 192		
Weight (kg)			18.5		
Protection Degree			IP65		
Certifications and Standards					
Certification & Approvals	NRS97, G98/G99, EN50549-1, C10/C11, AS 4777, VDE-AR-N4105, VDE0126, IEC62040, IEC62109-1, IEC62109-2				
EMC	EN61000-6-2, EN61000-6-3				

HYBRID STORAGE INVERTER

| SINGLE PHASE

ALL HYBRID INVERTERS
WORK TOTALLY OFF GRID AS WELL



10 YEARS
PRODUCT
WARRANTY



SINGLE PHASE HYBRID STORAGE INVERTER

Μονοφασικός υβριδικός INVERTER

3.6-6 kW

3.6kW
165-13005

4kW
165-13007

4.6kW
165-13008

5kW
165-13009

6kW
165-13010



Support for Time-of-use Optimization



Configurable Operation Modes



Arc Fault Circuit Interrupter (AFCI) (Optional)



Build in Anti-feed-in Function.



Compact Size and Easy Installation.



Smart Monitoring & Remote Firmware Upgrade

EUROLAMP CODE	165-13005	165-13007	165-13008	165-13009	165-13010
PV Input					
Max. Input Power (kW)	5,4	6.0	6.9	7.5	9.0
Max. PV Voltage (V)			550		
MPPT Range (V)			80 - 500		
Full MPPT Range (V)	210-500	120-500	130-500	150-500	170-500
Normal Voltage (V)	360	360	360	360	360
Startup Voltage (V)	100	100	100	100	100
Max. Input Current (A)	18.5x1		18.5x2		
Max. Short Current (A)	26x1		26x2		
No. of MPP Tracker / No. of PV String	1/1		2/2		
Battery Port					
Max. Charge/Discharge Power (kW)	336	4	4.6	4.8	4.8
Max. Charge/Discharge Current (A)	80	80	80	80	80
Battery Normal Voltage (V)			51.2		
Battery Voltage Range (V)			40 - 60		
Battery Type			Li-ion / Lead-acid etc.		
General Data					
Dimensions (H x W x D, mm)			370 x 535 x 192		
Weight (kg)			18,5		
Protection Degree			IP65		
Certifications and Standards					
Certification & Approvals	NRS97, G98/G99, EN50549-1, C10/C11, AS 4777, VDE-AR-N4105, VDE0126, IEC62040, IEC62109-1, IEC62109-2				
EMC	EN61000-6-2, EN61000-6-3				

HYBRID STORAGE INVERTER PLUS SERIES

SINGLE PHASE

ALL HYBRID INVERTERS
WORK TOTALLY OFF GRID AS WELL



10 YEARS
PRODUCT
WARRANTY



SINGLE PHASE

HYBRID

STORAGE INVERTER PLUS SERIES

Μονοφασικός υβριδικός INVERTER

4-5 kW

4kW

165-13500

4.6kW

165-13501

5kW

165-13502



Support for Time-of-use Optimizaton



Configurable Operation Modes



Arc Fault Circuit Interrupter (AFCI) (Optional)



Build in Anti-feed-in Function.



Compact Size and Easy Installation.



Smart Monitoring & Remote Firmware Upgrade

EUROLAMP CODE	165-13500	165-13501	165-13502
PV Input Data			
Max. Input Power (kW)	6	6.9	7.5
Max. PV Voltage (V)		550	
MPPT Range (V)		80-500	
Full MPPT Range (V)	120-500	130-500	150-500
Normal Voltage (V)	360	360	360
Startup Voltage (V)	100	100	100
Max. Input Current (A)	18.5x2	18.5x2	18.5x2
Max. Short Current (A)	26x2	26x2	26x2
No. of MPP Tracker / No. of PV String		2/2	
Battery Port			
Max. Charge/Discharge Power (kW)	4	4.6	5
Max. Charge/Discharge Current (A)	120	120	120
Battery Normal Voltage (V)		51.2	
Battery Voltage Range (V)		40 - 60	
Battery Type	Li-ion / Lead-acid etc.		
General Data			
Dimensions (H x W x D, mm)	370 x 535 x 192		
Weight (kg)	20.5		
Enclosure Protect Level	IP65 / NEMA4X		

Certifications and Standards

Certification & Approvals	NRS097, G98, EN50549-1, C10/C11, AS4777.2, VDE-AR-N4105, VDE0126, IEC62109-1, IEC62109-2
EMC	EN61000-6-2, EN61000-6-3

HYBRID STORAGE INVERTER PLUS SERIES

| SINGLE PHASE

ALL HYBRID INVERTERS
WORK TOTALLY OFF GRID AS WELL



10 YEARS
PRODUCT
WARRANTY



SINGLE PHASE

HYBRID STORAGE INVERTER PLUS SERIES

Μονοφασικός υβριδικός INVERTER

5.5-6 kW

5.5kW
165-13503

6kW
165-13504



Support for Time-of-use Optimizaton



Configurable Operation Modes



Arc Fault Circuit Interrupter (AFCI) (Optional)



Build in Anti-feed-in Function.



Compact Size and Easy Installation.



**Smart Monitoring
& Remote Firmware Upgrade**

EUROLAMP CODE	165-13503	165-13504
PV Input Data		
Max. Input Power (kW)	8,3	9,0
Max. PV Voltage (V)	550	
MPPT Range (V)	80-500	
Full MPPT Range (V)	160-500	170-500
Normal Voltage (V)	360	360
Startup Voltage (V)	100	100
Max. Input Current (A)	18,5*2	18,5*2
Max. Short Current (A)	26*2	26*2
No. of MPP Tracker / No. of PV String	2/2	
Battery Port		
Max. Charge/Discharge Power (kW)	5,5	6
Max. Charge/Discharge Current (A)	120	120
Battery Normal Voltage (V)	51,2	
Battery Voltage Range (V)	40 - 60	
Battery Type	Li-ion / Lead-acid etc.	
General Data		
Dimensions (H x W x D, mm)	370 x 535 x 192	
Weight (kg)	20,5	
Enclosure Protect Level	IP65 / NEMA4X	

Certifications and Standards

Certification & Approvals	NRS097, G98, EN50549-1, C10/C11, AS4777.2, VDE-AR-N4105, VDE0126, IEC62109-1, IEC62109-2
EMC	EN61000-6-2, EN61000-6-3

HYBRID STORAGE INVERTER

| THREE PHASE

**ALL HYBRID INVERTERS
WORK TOTALLY OFF GRID AS WELL**



10 YEARS
PRODUCT
WARRANTY



THREE PHASE HYBRID STORAGE INVERTER

Τριφασικός υβριδικός INVERTER
3-12 kW

3kW 165-13050	4kW 165-13051	5kW 165-13052	6kW 165-13053	8kW 165-13054	10kW 165-13055	12kW 165-13056
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- Support for Time-of-use Optimizaton**
- Configurable Operation Modes**
- Arc Fault Circuit Interrupter (AFCI) (Optional)**
- Build in Anti-feed-in Function.**
- Compact Size and Easy Installation.**
- Smart Monitoring & Remote Firmware Upgrade**

EUROLAMP CODE	165-13050	165-13051	165-13052	165-13053	165-13054	165-13055	165-13056
PV Input							
Max. DC Input Power (kW)	5	6	7.5	9	12	15	18
Max. PV Voltage (V)				1000			
Rated DC Input Voltage (V)				620			
DC Input Voltage Range (V)				150-1000			
MPPT Voltage Range (V)				150-850			
Full MPPT Range(V)		200-850		250-850	300-850		500-850
Start-up Voltage (V)				160			
Max. DC Input Current (A)				20x2			
Max. Short Current(A)				30x2			
No. of MPPT Tracker / Strings				2/2			
Battery Port							
Battery Nominal Voltage (V)	200	200	200	250	300	400	450
Battery Voltage Range (V)				150-800			
Max. Charge/Discharge Current (A)				30			
Max. Charge/Discharge Power (kW)	3	4	5	6	8	10	12
Charging Curve				3 Stages			
Compatible Battery Type				Li-ion/lead-acid			
General Data							
Dimensions (H x W x D, mm)				370 x 497 x 192			
Weight (kg)				20.8			
Protection Degree				IP65			
Certifications and Standards							
Certification & Approvals				NRS97, G98/G99, EN50549-1, C10/C11, AS 4777, VDE-AR-N4105, VDE0126, IEC62109-1, IEC62109-2			
EMC				EN61000-6-2, EN61000-6-3			

HYBRID STORAGE INVERTER

| THREE PHASE

**ALL HYBRID INVERTERS
WORK TOTALLY OFF GRID AS WELL**



10 YEARS
PRODUCT
WARRANTY



THREE PHASE **HYBRID** STORAGE INVERTER

Τριφασικός υβριδικός ΙΝΒΕΡΤΕΡ
15-30 kW

15kW
165-13057

17kW
165-13058

20kW
165-13059

25kW
165-13060

30kW
165-13061

- Support for Time-of-use Optimizaton**
- Configurable Operation Modes**
- Arc Fault Circuit Interrupter (AFCI) (Optional)**
- Build in Anti-feed-in Function.**
- Compact Size and Easy Installation.**
- Smart Monitoring & Remote Firmware Upgrade**

EUROLAMP CODE	165-13057	165-13058	165-13059	165-13060	165-13061
PV Input					
Max. DC Input Power (kW)	22.5	25.5	30	37.5	45
Max. PV Voltage (V)			1000		
Rated DC Input Voltage (V)			620		
DC Input Voltage Range (V)			150-1000		
MPPT Voltage Range (V)			150-850		
Full MPPT Range(V)			500-850		
Start-up Voltage (V)			160		
Max. DC Input Current (A)	20+32		32x2		40x2
Max. Short Current(A)	30+48		48x2		60x2
No. of MPPT Tracker / Strings	2/3			2/4	
Battery Port					
Battery Nominal Voltage (V)	500	400	500		550
Battery Voltage Range (V)			150-800		
Max. Charge/Discharge Current (A)		50			60
Max. Charge/Discharge Power (kW)	15	17	20	25	30
Charging Curve			3 Stages		
Compatible Battery Type			Li-on Battery		
General Data					
Dimensions (H x W x D, mm)			558 x 535 x 260		
Weight (kg)	29			36	
Protection Degree			IP65		

Certifications and Standards

Certification & Approvals	NRS97, G98/G99, EN50549-1, C10/C11, AS 47772, VDE-AR-N4105, VDE0126, IEC62109-1, IEC62109-2
EMC	EN61000-6-2, EN61000-6-3

HYBRID STORAGE INVERTER PLUS SERIES

| THREE PHASE

**ALL HYBRID INVERTERS
WORK TOTALLY OFF GRID AS WELL**



10 YEARS
PRODUCT
WARRANTY



THREE PHASE **HYBRID** STORAGE INVERTER **PLUS SERIES**

Τριφασικός υβριδικός INVERTER
3-6 kW

3kW
165-13430

4kW
165-13431

5kW
165-13432

6kW
165-13433

- Support for Time-of-use Optimizaton**
- Configurable Operation Modes**
- Arc Fault Circuit Interrupter (AFCI) (Optional)**
- Build in Anti-feed-in Function.**
- Compact Size and Easy Installation.**
- Smart Monitoring & Remote Firmware Upgrade**

EUROLAMP CODE	165-13430	165-13431	165-13432	165-13433
PV Input Data				
Max. DC Input Power (kW)	5	6	7.5	9
Max. PV Voltage (V)		1000		
Rated DC Input Voltage (V)		620		
DC Input Voltage Range (V)		150-1000		
MPPT Voltage Range (V)		150-850		
Full MPPT Range(V)	200-850			250-850
Start-up Voltage (V)		160		
Max. DC Input Current (A)		20x2		
Max. Short Current(A)		30x2		
No. of MPPT Tracker / Strings		2/2		
Battery Port				
Battery Nominal Voltage (V)	100			150
Battery Voltage Range (V)		80-600		
Max. Charge/Discharge Current (A)		50		
Max. Charge/Discharge Power (kW)	3k	4k	5k	6k
Charging Curve		3 Stages		
Compatible Battery Type		Li-on Battery		
General Data				
Dimensions (H x W x D, mm)		558 x 535 x 260		
Weight (kg)		29		
Protection Degree		IP65		
Certifications and Standards				
Certification & Approvals	MRS097, G98/G99, EN50549-1, C10/C11, AS 47772, VDE-AR-N4105, VDE0126, IEC62040, IEC62109-1, IEC62109-2			
EMC	EN61000-6-2, EN61000-6-3			

HYBRID STORAGE INVERTER PLUS SERIES

| THREE PHASE

**ALL HYBRID INVERTERS
WORK TOTALLY OFF GRID AS WELL**



10 YEARS
PRODUCT
WARRANTY



THREE PHASE **HYBRID** STORAGE INVERTER **PLUS SERIES** Τριφασικός υβριδικός INVERTER **7-12 kW**

8kW

165-13434

10kW

165-13435

12kW

165-13436



Support for Time-of-use Optimizaton



Configurable Operation Modes



Arc Fault Circuit Interrupter (AFCI) (Optional)



Build in Anti-feed-in Function.



Compact Size and Easy Installation.



**Smart Monitoring
& Remote Firmware Upgrade**

EUROLAMP CODE	165-13434	165-13435	165-13436
PV Input Data			
Max. DC Input Power (kW)	12	15	18
Max. PV Voltage (V)		1000	
Rated DC Input Voltage (V)		620	
DC Input Voltage Range (V)		150-1000	
MPPT Voltage Range (V)		150-850	
Full MPPT Range(V)	300-850		500-850
Start-up Voltage (V)		160	
Max. DC Input Current (A)		20x2	
Max. Short Current(A)		30x2	
No. of MPPT Tracker / Strings		2/2	
Battery Port			
Battery Nominal Voltage (V)	200	250	300
Battery Voltage Range (V)	80-600		120-650
Max. Charge/Discharge Current (A)		50	
Max. Charge/Discharge Power (kW)	8k	10k	12k
Charging Curve		3 Stages	
Compatible Battery Type		Li-ion Battery	
General Data			
Dimensions (H x W x D, mm)		558 x 535 x 260	
Weight (kg)		29	
Protection Degree		IP65	
Certifications and Standards			
Certification & Approvals	NRS97, G98/G99, EN50549-1, C10/C11, AS 47772, VDE-AR-N4105, VDE0126, IEC62040, IEC62109-1, IEC62109-2		
EMC	EN61000-6-2, EN61000-6-3		

STORAGE INVERTER

SINGLE PHASE


10 YEARS
PRODUCT WARRANTY


SINGLE PHASE

PV STRING INVERTER

Μονοφασικός PV STRING INVERTER

1 - 2.5 KW**1KW**
165-13020**1.5KW**
165-13021**2KW**
165-13022**2.5KW**
165-13023
 AC output 1.1x continuous operation
Quick & Easy Config. via Wi-Fi
Multiple intelligent Protections
Build in Anti-feed-in Function.
Compact Size and Easy Installation.
Wi-Fi Standard, Ethernet/GPRS Optional
MODBUS Communication Ready

EUROLAMP CODE	165-13020	165-13021	165-13022	165-13023
PV Input Data				
Max. DC Power (W)	1500	2250	3000	3750
Max. DC Voltage (V)	500	500	500	500
MPPT Voltage Range (V)	50-500	50-500	50-500	50-500
MPPT Full Power Voltage Range (V)	70-500	110-500	145-500	180-500
Rated Input Voltage (V)		360		
Start-up Voltage (V)		50		
Max. Input Current (A)		14		
Max. Short Current (A)		18		
No. of MPP Tracker / No. of PV String		1/1		
Input Connector Type		MC4		
AC Output Data				
Max. Output Power (W)	1100	1650	2200	2750
Nominal Output Power (W)	1000	1500	2000	2500
Max. Output Current (A)	6	9	12	13
General Data				
Dimensions (H x W x D, mm)	280 x 260 x 116			
Weight (kg)	6			
Protection Degree	IP65			
Certifications and Standards				
EMC Standard	EN/IEC 61000-6-2, EN/IEC 61000-6-3, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12			
Safety Standard	IEC 60068, UL1741, EN62109			
Grid-connection	IEEE1547, CSA C22, EN50549, VDE4105, VDE0126, RD1699, ABNT NBR16149 & 16150, AS4777.2, NB/T32004, G98/G99, IEC61727			

STORAGE INVERTER

SINGLE PHASE



10 YEARS
PRODUCT
WARRANTY



SINGLE PHASE

PV STRING INVERTER

Μονοφασικός PV STRING INVERTER

3-6 KW

3KW
165-13030

3.6KW
165-13031

4KW
165-13032

5KW
165-13033

6KW
165-13034



AC output 1.1x continuous operation



Quick & Easy Config. via Wi-Fi



Multiple intelligent Protections



Build in Anti-feed-in Function.



Compact Size and Easy Installation.



Wi-Fi Standard, Ethernet/GPRS Optional



MODBUS Communication Ready

EUROLAMP CODE	165-13030	165-13031	165-13032	165-13033	165-13034
PV Input Data					
Max. DC Power (W)	4500	5400	6000	7000	8400
Max. DC Voltage (V)	600	600	600	600	600
MPPT Voltage Range (V)	70-550	70-550	70-550	70-550	70-550
MPPT Full Power Voltage Range (V)	110-550	130-550	145-550	180-550	220-550
Rated Input Voltage (V)		360			
Start-up Voltage (V)		70			
Max. Input Current (A)		14 x 2			
Max. Short Current (A)		18 x 2			
No. of MPP Tracker / No. of PV String		2/2			
Input Connector Type		MC4			
AC Output Data					
Max. Output Power (W)	3300	3960	4400	5500	6600
Nominal Output Power (W)	3000	3600	4000	5000	6000
Max. Output Current (A)	15	17,5	20	24	28,7
General Data					
Dimensions (H x W x D, mm)	358 x 360 x 142				
Weight (kg)	10				
Protection Degree	IP65				
Certifications and Standards					
EMC Standard	EN/IEC 61000-6-2, EN/IEC 61000-6-3, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12				
Safety Standard	IEC 60068, UL1741, EN62109				
Grid-connection	IEEE1547, CSA C22, EN50549, VDE4105, VDE0126, RD1699, ABNT NBR16149 & 16150, AS4777.2, NB/T32004, G98/G99, IEC61727				

STORAGE INVERTER

| SINGLE PHASE


10 YEARS
PRODUCT
WARRANTY


SINGLE PHASE

PV STRING INVERTER

Μονοφασικός PV STRING INVERTER

7-10 KW**7KW**

165-13035

8KW

165-13036

9KW

165-13037

10KW

165-13038

**AC output 1.1x continuous operation****Quick & Easy Config. via Wi-Fi****Multiple intelligent Protections****Build in Anti-feed-in Function.****Compact Size and Easy Installation.****Wi-Fi Standard, Ethernet/GPRS Optional****MODBUS Communication Ready**

EUROLAMP CODE	165-13035	165-13036	165-13037	165-13038		
PV Input Data						
Max. DC Power (W)	9800	11200	12600	14000		
Max. DC Voltage (V)	600	600	600	600		
MPPT Voltage Range (V)	70-550	70-550	70-550	70-550		
MPPT Full Power Voltage Range (V)	220-550	220-550	220-550	220-550		
Rated Input Voltage (V)		360				
Start-up Voltage (V)		70				
Max. Input Current (A)	14+26		26+26			
Max. Short Current (A)	18+35		35+35			
No. of MPP Tracker / No. of PV String	2/3		2/4			
Input Connector Type		MC4				
AC Output Data						
Max. Output Power (W)	7700	8800	9900	11000		
Nominal Output Power (W)	7000	8000	9000	10000		
Max. Output Current (A)	33.6	38.3	45	50		
General Data						
Dimensions (H x W x D, mm)	370 x 510 x 192		370 x 535 x 192			
Weight (kg)	17		18			
Protection Degree	IP65					
Certifications and Standards						
EMC Standard	EN/IEC 61000-6-2, EN/IEC 61000-6-3, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12					
Safety Standard	IEC 60068, UL1741, EN62109					
Grid-connection	IEEE1547, CSA C22, EN50549, VDE4105, VDE0126, RD1699, ABNT NBR16149 & 16150, AS4777.2, NB/T32004, G98/G99, IEC61727					

STORAGE INVERTER

| THREE PHASE



10 YEARS
PRODUCT
WARRANTY



THREE PHASE

PV STRING INVERTER

Τριφασικός PV STRING INVERTER

3-10 KW

3KW 165-13080	4KW 165-13081	5KW 165-13082	6KW 165-13083	8KW 165-13084	10KW 165-13085
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Quick Arc Fault circuit interruption (Optional)



WIFI standard



Compact design



Multiple intelligent protections



Compatible with bifacial modules



String level monitoring

EUROLAMP CODE	165-13080	165-13081	165-13082	165-13083	165-13084	165-13085
PV Input Data						
Max. DC Power (W)	5100	6000	7500	9000	12000	15000
Max. DC Voltage (V)	1100	1100	1100	1100	1100	1100
MPPT Voltage Range (V)	150-1000	150-1000	150-1000	150-1000	150-1000	150-1000
MPPT Full Power Voltage Range (V)	200-850	200-850	200-850	250-850	300-850	500-850
Rated Input Voltage (V)	620	620	620	620	620	620
Start-up Voltage (V)	150	150	150	150	150	150
Max. Input Current (A)	15 x 2	15 x 2	15 x 2	15 x 2	15 x 2	15 x 2
Max. Short Current (A)	25x 2	25x 2	25x 2	25x 2	25x 2	25x 2
No. of MPP Tracker / No. of PV String	2/2	2/2	2/2	2/2	2/2	2/2
Input Connector Type	MC4					
AC Output Data						
Max. Output Power (W)	3300	4400	5500	6600	8800	11000
Nominal Output Power (W)	3000	4000	5000	6000	8000	10000
Max. Output Current (A)	5.3	7	8.5	10.5	13,5	17
General Data						
Dimensions (H x W x D, mm)	370 x 510 x 167					
Weight (kg)	16					
Protection Degree	IP65					
Certifications and Standards						
EMC Standard	EN/IEC 61000-6-2, EN/IEC 61000-6-3, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12					
Safety Standard	IEC 60068, UL1741, EN62109					
Grid-connection	IEEE1547, CSA C22, EN50549, VDE4105, VDE0126, RD1699, ABNT NBR16149 & 16150, AS4777.2, NB/T32004, G98/G99, IEC61727					

STORAGE INVERTER

THREE PHASE



10 YEARS
PRODUCT
WARRANTY



THREE PHASE

PV STRING INVERTER

Τριφασικός PV STRING INVERTER

12-25 KW

12KW 165-13086	13KW 165-13087	15KW 165-13088	17KW 165-13089	20KW 165-13090	25KW 165-13091
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Quick Arc Fault circuit interruption (Optional)



WIFI standard



Compact design



Multiple intelligent protections



Compatible with bifacial modules



String level monitoring

EUROLAMP CODE	165-13086	165-13087	165-13088	165-13089	165-13090	165-13091
PV Input Data						
Max. DC Power (W)	18000	19500	22500	25500	30000	37500
Max. DC Voltage (V)	1100	1100	1100	1100	1100	1100
MPPT Voltage Range (V)	150-1000	150-1000	150-1000	150-1000	150-1000	150-1000
MPPT Full Power Voltage Range (V)	500-850	500-850	500-850	500-850	500-850	500-850
Rated Input Voltage (V)	620	620	620	620	620	620
Start-up Voltage (V)				150		
Max. Input Current (A)	15 x 2	15 x 2	20+32	32 x 2	32 x 2	32 x 2
Max. Short Current (A)	25 x 2	25 x 2	30+48	48 x 2	48 x 2	48 x 2
No. of MPP Tracker / No. of PV String	2/2	2/2	2/3	2/4	2/4	2/4
Input Connector Type				MC4		
AC Output Data						
Max. Output Power (W)	13200	14300	16500	18700	22000	27500
Nominal Output Power (W)	12000	13000	15000	17000	20000	25000
Max. Output Current (A)	21.5	22	27	30	32	40
General Data						
Dimensions (H x W x D, mm)	370 x 510 x 192			370 x 535 x 192		
Weight (kg)	16	17			19	
Protection Degree				IP65		
Certifications and Standards						
EMC Standard	EN/IEC 61000-6-2, EN/IEC 61000-6-3, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12					
Safety Standard	IEC 60068, UL1741, EN62109					
Grid-connection	IEEE1547, CSA C22, EN50549, VDE4105, VDE0126, RD1699, ABNT NBR16149 & 16150, AS4777.2, NB/T32004, G98/G99, IEC61727					

STORAGE INVERTER

| THREE PHASE



10 YEARS
PRODUCT
WARRANTY



THREE PHASE

PV STRING INVERTER

Τριφασικός PV STRING INVERTER

30 KW

30KW

165-13092



AC output 1.1x continuous operation



WIFI standard



Compact design



Multiple intelligent protections



Build in Anti-feed-in Function.



MODBUS Communication Ready

EUROLAMP CODE	165-13092
PV Input Data	
Max. DC Power (W)	
Max. DC Voltage (V)	45000
MPPT Voltage Range (V)	1100
MPPT Full Power Voltage Range (V)	200-1000
Rated Input Voltage (V)	500-850
Start-up Voltage (V)	620
Max. Input Current (A)	200
Max. Short Current (A)	38 x 2
No. of MPP Tracker / No. of PV String	48 x 2
Input Connector Type	2/5
	MC4
AC Output Data	
Max. Output Power (W)	33000
Nominal Output Power (W)	30000
Max. Output Current (A)	48
General Data	
Dimensions (H x W x D, mm)	450 x 485 x 210
Weight (kg)	26
Protection Degree	IP65
Certifications and Standards	
EMC Standard	EN/IEC 61000-6-2, EN/IEC 61000-6-3, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12
Safety Standard	IEC 60068, UL1741, EN62109
Grid-connection	IEEE1547, CSA C22, EN50549, VDE4105, VDE0126, RD1699, ABNT NBR16149 & 16150, AS4777.2, NB/T32004, G98/G99, IEC61727

STORAGE INVERTER

| THREE PHASE



10 YEARS
PRODUCT
WARRANTY



THREE PHASE

PV STRING INVERTER

Τριφασικός PV STRING INVERTER

40-60 KW

40KW

165-13094

50KW

165-13095

60KW

165-13096



AC output 1.1x continuous operation



WIFI standard



Compact design



Multiple intelligent protections



Build in Anti-feed-in Function.



MODBUS Communication Ready

EUROLAMP CODE	165-13094	165-13095	165-13096
PV Input Data			
Max. DC Power (W)	60000	75000	90000
Max. DC Voltage (V)	1100	1100	1100
MPPT Voltage Range (V)	200-1000	200-1000	200-1000
MPPT Full Power Voltage Range (V)	500-850	500-850	500-850
Rated Input Voltage (V)	620	620	620
Start-up Voltage (V)	200	200	200
Max. Input Current (A)	38 x 3	40 x 3	38 x 4
Max. Short Current (A)	48 x 3	48 x 3	48 x 4
No. of MPP Tracker / No. of PV String	3/6	3/7	4/8
Input Connector Type		MC4	
AC Output Data			
Max. Output Power (W)	44000	55000	66000
Nominal Output Power (W)	40000	50000	60000
Max. Output Current (A)	65	80	96
General Data			
Dimensions (H x W x D, mm)		710 x 470 x 236	
Weight (kg)	44		51
Protection Degree		IP65	
Certifications and Standards			
EMC Standard	EN/IEC 61000-6-2, EN/IEC 61000-6-3, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12		
Safety Standard	IEC 60068, UL1741, EN62109		
Grid-connection	IEEE1547, CSA C22, EN50549, VDE4105, VDE0126, RD1699, ABNT NBR16149 & 16150, AS4777.2, NB/T32004, G98/G99, IEC61727		

STORAGE INVERTER

THREE PHASE



10 YEARS
PRODUCT
WARRANTY



THREE PHASE

PV STRING INVERTER

Τριφασικός PV STRING INVERTER

70-110 KW

70KW 165-13400	75KW 165-13401	80KW 165-13402	90KW 165-13403	100KW 165-13404	110KW 165-13405
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Quick Arc Fault circuit interruption (Optional)



WIFI standard



Compact design



Multiple intelligent protections



Compatible with bifacial modules



String level monitoring

EUROLAMP CODE	165-13400	165-13401	165-13402	165-13403	165-13404	165-13405
PV Input Data						
Max. DC Power (W)	105000	112500	120000	135000	150000	165000
Max. DC Voltage (V)	1100	1100	1100	1100	1100	1100
MPPT Voltage Range (V)	200-1000	200-1000	200-1000	200-1000	200-1000	200-1000
MPPT Full Power Voltage Range (V)	500-850	500-850	500-850	500-850	500-850	500-850
Rated Input Voltage (V)	620	620	620	620	620	620
Start-up Voltage (V)	200	200	200	200	200	200
Max. Input Current (A)	38 x 6	38 x 6	38 x 6	38 x 6	38 x 6	38 x 6
Max. Short Current (A)	48 x 6	48 x 6	48 x 6	48 x 6	48 x 6	48 x 6
No. of MPP Tracker / No. of PV String	6/12					
Input Connector Type	MC4					
AC Output Data						
Max. Output Power (W)	77000	82500	88000	99000	110000	110000
Nominal Output Power (W)	70000	75000	80000	90000	100000	110000
Max. Output Current (A)	111	120	127	143	158	158
General Data						
Dimensions (H x W x D, mm)	979 x 610 x 310					
Weight (kg)	72					
Protection Degree	IP65					
Certifications and Standards						
EMC Standard	EN/IEC 61000-6-2, EN/IEC 61000-6-3, EN61000-3-2, EN61000-3-3, EN61000-3-11, EN61000-3-12					
Safety Standard	IEC 60068, UL1741, EN62109					
Grid-connection	IEEE1547, CSA C22, EN50549, VDE4105, VDE0126, RD1699, ABNT NBR16149 & 16150, AS4777.2, NB/T32004, G98/G99, IEC61727					



Afore
GREECE

Enerlution

Dyness

EUROLAMP Pioneers in New Technology!
Απολαύστηκός αντιρρεύματος Ελλάδος



BATTERIES

LOW VOLTAGE, HIGH VOLTAGE & CONTAINERS

ENERLUTION LOW VOLTAGE
HOME ENERGY STORAGE SYSTEM LOW VOLTAGE

52

DYNESSE LOW VOLTAGE
HOME ENERGY STORAGE SYSTEM LOW VOLTAGE

54

DYNESSE HIGH VOLTAGE
HOME ENERGY STORAGE SYSTEM HIGH VOLTAGE

60

ENERLUTION HIGH VOLTAGE
HOME ENERGY STORAGE SYSTEM HIGH VOLTAGE

62

DYNESSE HIGH VOLTAGE
HOME ENERGY STORAGE SYSTEM HIGH VOLTAGE

64

AFORE HIGH VOLTAGE
HOME ENERGY STORAGE SYSTEM HIGH VOLTAGE

68

DYNESSE CONTAINER BOX - POWER STONE
COMERCIAL ENERGY STORAGE SYSTEM

70

Enerlution

LOW VOLTAGE

LFP WALL BATTERY

Σύστημα Μπαταριών

2.5 - 5 KWh L/V**2.5KWh L/V**

165-13200

5KWh L/V

165-13202

- LFP rechargeable battery A+Grade cell**
- Wall mounted or floor mounted can be freely selected**
- Easy extendibility (in parallel) with same units of 2,5 or 5kWh (2,5kW/5kW/7,5kW/10kW etc. or 5kW/10kW/15kW/20kW etc.**
- Good compatibility, standard communication protocol CAN and RS485, compatible with most popular hybrid and off-grid inverters in the market**
- IP65 protection class, suitable for outdoor and indoor installation**
- High protection measures, built-in Aerosol active fire protection module, thermal runaway detection**

EUROLAMP CODE	165-13200	165-13202
Technical Data		
Usable Capacity Voltage	2.56kWh	5.12kWh
Voltage	51.2V	51.2V
Charge Voltage	58.4V	58.4V
Discharge Voltage Range	45-58.4V	45-58.4V
Max. Charging Current	25A	50A
Max. Discharging Current	25A	50A
Recommended discharge	25A	40A
Max. Output Power	1280W	2560W
DOD	85%	85%
Modules Connection	1-8 parallel	1-8 parallel
Communication	CAN OR RS485	CAN OR RS485
Cycle Life	≤6000 25°C 0.5°C	≤6000 25°C 0.5°C
Working Temp. Range	Charge: 0°C~+55°C Discharge: -10°C~+55°C	Charge: 0°C~+55°C Discharge: -10°C~+55°C
Storage Temperature	-10°C~+35°C	-10°C~+35°C
Net Weight	31kg	52kg
Gross Weight	33kg	56kg
Product Dimension	538 x 365 x 196mm	536.3 x 464 x 180.5mm
Package Dimension	609 x 436 x 257mm	595 x 522 x 252mm



UN38.3

Enerlution

LOW VOLTAGE

LFP WALL BATTERY

Σύστημα Μπαταριών

10 KWh L/V**10KWh L/V**

165-13015



- **LFP rechargeable battery A+Grade cell**
- **Wall mounted or floor mounted can be freely selected**
- **Easy extendibility (in parallel) with same units of 2,5 or 5kWh (2,5kW/5kW/7,5kW/10kW etc. or 5kW/10kW/15kW/20kW etc.**
- **Good compatibility, standard communication protocol CAN and RS485, compatible with most popular hybrid and off-grid inverters in the market**
- **IP65 protection class, suitable for outdoor and indoor installation**
- **High protection measures, built-in Aerosol active fire protection module, thermal runaway detection**

EUROLAMP CODE	165-13204
Technical Data	
Usable Capacity Voltage	10.2kWh
Voltage	51.2V
Charge Voltage	58.4V
Discharge Voltage Range	43.2-58.4V
Max. Charging Current	110A
Recommended charging	-
Max. Discharging Current	100A
Recommended discharge	10240W
Max. Output Power	5120W
DOD	85%
Modules Connection	1-8 parallel
Communication	CAN OR RS485
Cycle Life	≤6000
Working Temp. Range	Charge: 0°C~+55°C Discharge: -10°C~+55°C
Storage Temperature	-10°C~+35°C
Net Weight	96kg
Gross Weight	125kg
Product Dimension	790 x 586 x 197mm
Package Dimension	950 x 720 x 390mm





LOW VOLTAGE

POWER DEPOT H5B

Σύστημα Μπαταριών

5.12 KWh L/V**5.12KWh L/V**

165-13208

- APP Monitoring (optional) R
- High Protection Level
- Various Mounting Methods
- High Safety
- Wide Compatibility

PowerDepot H5B is a low-voltage product designed for residential application. The reliable lithium iron phosphate (LFP) technology ensures maximum safety and longer cycle life. It can be used flexibly for self-consumption and backup applications with a wide capacity range scalable from 5.12kWh to 25.6 kWh, to meet various energy storage needs.



UN38.3

EUROLAMP CODE	165-13208
Technical Data	
Battery Type	LiFePO4
Nominal Battery Energy	5.12 kWh
Operating voltage	44.8 ~ 57.6V
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Max. output power	3.84kW
Recomended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	50A
Recommended Depth of Discharge (DOD)	90%
Net Weight	55 kg
Dimension[WxDxH]	574x228x600 mm
Charging Temp. Range	0~55oC
Discharging Temp. Range	-20~55oC
Communication	CAN/RS485/RS232
Cycle Life[1]	≥6000 Cycles
Protection Level	IP65
Expansion	Up to 5 units in parallel
Color	White
Alarms	Overcharge/Over-discharge/Overcurrent/Overtemperature/Short Circuit
Monitoring & Protection	Each system has smart BMS, breaker embedded in system
Pros	Can be used in both off-grid and hybrid setups, compact design, floor or wall-mounted
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/IEC62040/IEC60730/GOST-R/UKCA/CEC Accredited
Compatible Inverters	SMA/Victron/Ingeteam/Delios/Goodwe/Solis/Deye/SAJ/Voltronic/Sungrow etc.



LOW VOLTAGE

POWERBOX PRO

Σύστημα Μπαταριών

10.24 KWh L/V**10.24KWh L/V**

165-13209

- APP Monitoring (optional) R
- High Protection Level
- Various Mounting Methods
- High Safety
- Wide Compatibility

The Powerbox Pro is a type of deep cycle and high capacity LFP battery with improved safety, long lifespan, and optimized user experience. It is especially designed with IP65 for more flexible and easier installation indoor or outdoor with wall-mounted and landed installation options. With up to 10 kWh for a single unit and max. 5 units in parallel with superior performance, it can meet the household electricity demand. Get ready with Powerbox Pro for super power storage for your life.



UN38.3

EUROLAMP CODE	165-13209
Technical Data	
Battery Type	LiFePO4
Nominal Battery Energy	10.24kWh
Operating Voltage	44.8 ~ 57.6V
Nominal Voltage	51.2V
Nominal Capacity	200Ah
Nominal Power	5.12kW
Peak Power	10.24kW
Recomended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	100A
Recommended Depth of Discharge (DOD)	90%
Net Weight	103kg
Dimension[WxDxH]	555x210x928mm
Charging Temp. Range	0~55oC
Discharging Temp. Range	-20~55oC
Communication	CAN/RS485/RS232
Cycle Life[1]	≥6000 Cycles
Protection Level	IP65
Expansion	Up to 5 units in parallel
Color	White
Alarms	Overcharge/Over-discharge/Overcurrent /Overtemperature/Short Circuit
Pros	Can be used in both off-grid and hybrid setups, compact design, floor or wall-mounted
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/IEC62040 /IEC60730/UKCA/CEC Accredited
Compatible Inverters	SMA/Victron/Ingeteam/Delios/Goodwe/Solis /Deye/SAJ/Voltronic/Sungrow etc.



LOW VOLTAGE

BATTERY SYSTEM

Σύστημα Μπαταριών

2.4KWh L/V

165-13205

- **Module Design**
Flexible expansion
- **Easy Installation**
Stackable with flexible brackets
- **High Safety LFP**
Cell level monitoring and balancing
- **Wide Compatibility**
Matching with leading inverters

The DYNESS battery B4850 module is widely used in energy storage sector. It adopts modular design and can be used for residential applications. The reliable LiFePO4 technology ensures maximum safety and a longer life cycle.

EUROLAMP CODE	165-13205
Battery Type	LiFePO4
Nominal Battery Energy	2.4kWh
Nominal Capacity	50Ah
Nominal Voltage	48V
Operating Voltage	42~54.75V
Recomended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	25A
Max. Power Charge/Discharge Current	50A
Peak Power Charge/Discharge Current	55A(Protect)
Depth of Discharge (DOD)	90%
Net Weight	22kg
Dimension[W*D*H]	480x405x90mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55oC
Communication	CAN/RS485
Cycle Life[1]	≥6000 Cycles
Protection Level	IP20
Expansion	Up to 40 units in parallel
Pros	Can be used in both off-grid and hybrid setups, compact design
Certification & Safety Standard	UN38.3/CE-EMC/EC62619/IEC62040/CEC/CEI-021/UL1973/REACH/ROHS/UKCA/GOST-R
Compatible Inverters	SMA/Victron/Ingeteam/Delios/Goodwe/Solis /Deye/SAJ/Voltronic/Sungrow etc.



HOME ENERGY STORAGE SYSTEM

| LOW VOLTAGE



LOW VOLTAGE

BATTERY SYSTEM

Σύστημα Μπαταριών

3.6KWh L/V

165-13206

- **APP Monitoring (optional)**

Real-time monitoring & Remote upgrade available.

- **Module Design**

Flexible expansion

- **Easy Installation**

Stackable with flexible brackets

- **High Safety LFP**

Cell level monitoring and balancing

- **Wide Compatibility**

Matching with leading inverters

DYNESS DL3.6 is low-voltage energy storage product which adopts high safety LFP technology. With 3.6 kWh each, it can support up to 180 kWh with 50 modules connected in parallel. It also supports remote update & easy monitoring. Meet this efficient product with perfect performance.

EUROLAMP CODE	165-13206
Battery Type	LiFePO4
Nominal Battery Energy	3.6 kWh
Nominal Capacity	75Ah
Nominal Voltage	48V
Operating Voltage	42 ~ 54.75V
Recomended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	37.5A
Max. Power Charge/Discharge Current	75A
Peak Power Charge/Discharge Current	100A (15s)
Depth of Discharge (DOD)	90%
Net Weight	32.5 kg
Dimension[W*D*H]	480x405x132 mm
Charging Temp. Range	0~55oC
Discharging Temp. Range	-20~55oC
Communication	CAN/RS485/RS232
Cycle Life[1]	≥6000 Cycles
Protection Level	IP20
Expansion	Up to 50 units in parallel
Pros	Can be used in both off-grid and hybrid setups, compact design
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619
Compatible Inverters	SMA/Victron/Ingeteam/Delios/Goodwe/Solis/Deye/SAJ/Voltronic/Sungrow etc.



EXTREMELY LONG LIFE CYCLE
more than **6000** times or **10** years



LOW VOLTAGE

BATTERY SYSTEM

Σύστημα Μπαταριών



4.8KWh L/V

165-13207

- **APP Monitoring (optional)**
Real-time monitoring & Remote upgrade available.
- **Module Design**
Flexible expansion
- **Easy Installation**
Stackable with flexible brackets
- **High Safety LFP**
Cell level monitoring and balancing
- **Wide Compatibility**
Matching with leading inverters

DYNESS DL5.0C adopts economic design, and is tailor-made for residential & small commercial application. This LFP battery module supports remote update and APP monitoring, and provides multiple installation methods. It is scalable from 5.12 -256 kWh (max. 50 modules in parallel), providing various energy storage options to meet different requirements.

EUROLAMP CODE	165-13207
Battery Type	LiFePO4
Nominal Battery Energy	4.8kWh
Nominal Capacity	100Ah
Nominal Voltage	48V
Operating Voltage	42 ~ 54V
Recomended Charge & Discharge C Rate	0.5C
Maximum Discharge C rate	50A
Recommend Charge/Discharge Current	75A
Max Continous Charge Current	100A (15s)
Max Continous Discharge Current	90%
Peak Power Charge/Discharge Current	45kg
Depth of Discharge (DOD)	504 x 597 x 155 mm
Net Weight	0~55°C
Dimension[W*D*H]	-20~55°C
Charging Temp. Range	CAN/RS485/RS232
Discharging Temp. Range	6000 Cycles
Communication	IP20
Cycle Life[1]	Upto 30 units in parallel
Protection Level	AV
Expansion	Wide Compatibility
Pros	Matching with
Certification & Safety Standard	leading inverters
Compatible inverters	Can be used in both off-grid and hybrid setups, compact design



EXTREMELY LONG LIFE CYCLE
more than 6000 times or 10 years

HOME ENERGY STORAGE SYSTEM

| HIGH VOLTAGE



HIGH VOLTAGE

RACK BATTERY SYSTEM

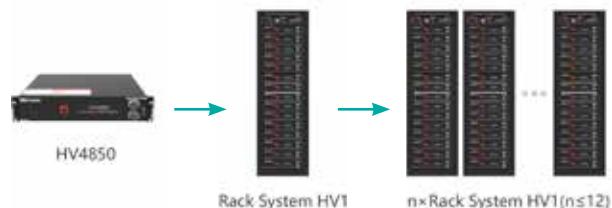
Σύστημα Μπαταριών

2.4KWh H/V

165-13243

- **High Safety LFP**
LFP & smart BMS
- **Expandable**
Capacity up to 38.4kWh per cluster
- **Tailor-made Cabinet**
Suitable for multi-module installation
- **High Voltage**
High System Efficiency
- **Wide Application**
Cover all needs in commercial fields

Dyness HV1 PowerRack is designed for indoor use high voltage battery. The extendable energy design is suitable for both residential and commercial scenarios. The battery modules are specially designed for serial connection to maximize cost effectiveness.



EUROLAMP CODE	165-23243
Battery Type	LiFePO4
Nominal Battery Energy	2.4kWh
Nominal Capacity	50Ah
Nominal Voltage	48V
Net Weight	23kg
Dimension(W*D*H)	481*410*89mm
Charging Temp. Range	0-55° C
Discharging Temp. Range	-10-55°
Communication	CAN
Cycle Life [1]	> 6000Cycles
Protection Level	IP20
Expansion	Up to 16 units in series
Compatible Inverters	Goodwe/Solis/SAJ/Si nexcel/Hoy-miles/G rowatt/Ecatus/Sermatec/ATESS/Sunways etc.
Certification & Safety Standard	UN38.3/CE-EMC

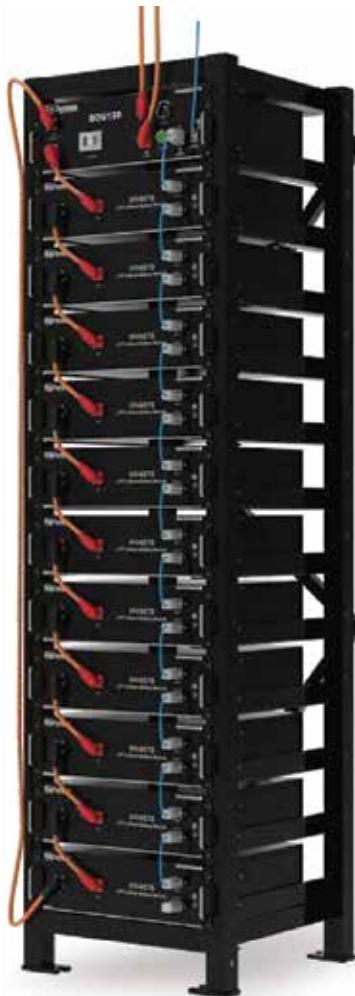
	9 UNITS - 21.6kWh	15 UNITS - 36kWh
Rack Type	PowerRack HV1-9s	PowerRack HV1-15s
Battery Module Type	165-13243 (HV4850)	165-13243 (HV4850)
Battery Module Quantity	9 units	15 units
Nominal Battery Energy	21.6kWh	36kWh
Nominal Capacity	50Ah	50Ah
Nominal Voltage	432V	720V
Operating Vol. Range	378-486V	630-810V
Nominal Power Output	12.96kW	21.6kW
Max.Power Output	21.6kW	36kW
Recommend Charging Current	25A	25A
Recommend Discharging Current	25A	25A
Net Weight	277.5kg	444.5kg
Dimension(WxDxH)	601 x 510 x 1250mm	601 x 510 x 1917mm
Rack System Controlunit Type[1]	BDU50	BDU50
Module Quantity & Configuration	9 Units in series	15 Units in series



EXTREMELY LONG LIFE CYCLE
more than **6000** times or **10** years

HOME ENERGY STORAGE SYSTEM

HIGH VOLTAGE



HIGH VOLTAGE

RACK BATTERY SYSTEM

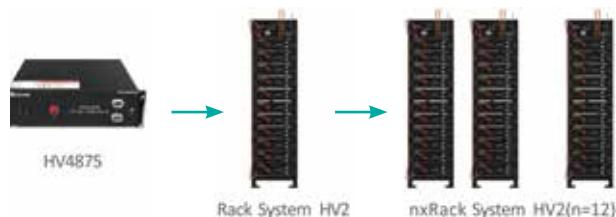
Σύστημα Μπαταριών

3.6KWh H/V

165-13244

- High Safety LFP**
LFP & smart BMS
- Expandable**
Capacity up to 76.8kWh per cluster
- Tailor-made Cabinet**
Suitable for multi-module installation
- Wide Application**
Cover all needs in commercial fields

Dyness high voltage PowerRack HV2 system is equipped with an intelligent battery control unit in each battery cluster, ensuring high-safety and high-efficiency system operation. The entire system is intelligently managed. Keep you powered on all the time, cut the



EUROLAMP CODE	165-23244
Battery Type	LiFePO4
Nominal Battery Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Net Weight	43.5kg
Dimension(W*D*H)	481*535*140mm
Charging Temp. Range	0-55°C
Discharging Temp. Range	-10-55°C
Communication	CAN
Cycle Life [1l]	> 6000 Cycles
Protection Level	IP20
Expansion	Up to 15 units in series
Compatible Inverters	Goodwe/Solis/SAJ/Si nexcel/Hoymiles/G rowatt/Ecatus/Sermatec/ATESS/Sunways etc.
Certification & Safety Standard	UN38.3/CE- EMC

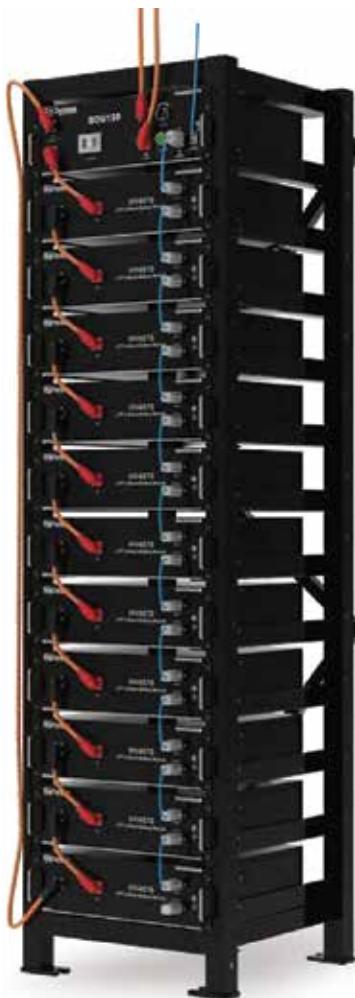
	7 UNITS - 25.2kWh	11 UNITS - 39.6kWh
Rack Type	PowerRack HV2-7s	PowerRack HV2-11s
Battery Module Type	165-13244 (HV4875)	165-13244 (HV4875)
Battery Module Quantity	7 units	11 units
Nominal Battery Energy	25.2kWh	39.6kWh
Nominal Capacity	75Ah	75Ah
Nominal Voltage	336V	528V
Operating Vol. Range	294-378V	462-594V
Nominal Power Output	15.12kW	23.76kW
Max.Power Output	25.2kW	39.6kW
Recommend Charging Current	37.5A	37.5A
Recommend Discharging Current	37.5A	37.5A
Net Weight	295.5kg	446.7kg
Dimension(WxDxH)	601 x 510 x 1393mm	601 x 510 x 2013mm
Rack System Controlunit Type[1]	BDU100	BDU100
Module Quantity & Configuration	7 Units in series	11 Units in series



EXTREMELY LONG LIFE CYCLE
more than 6000 times or 10 years

HOME ENERGY STORAGE SYSTEM

HIGH VOLTAGE



HIGH VOLTAGE

RACK BATTERY SYSTEM

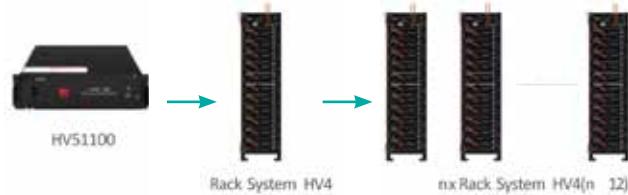
Σύστημα Μπαταριών

5.12KWh H/V

165-13245

- High Safety LFP**
LFP & smart BMS
- Expandable**
Capacity up to 76.8kWh per cluster
- Tailor-made Cabinet**
Suitable for multi-module installation
- High Voltage**
High System Efficiency
- Wide Application**
Cover all needs in commercial fields

Dyness PowerRack HV4 system is also designed for indoor use high-voltage systems, with a larger capacity of each module to fit medium C&I scenarios, to increase solar self-consumption, provide backup power or peak-shaving, etc.



EUROLAMP CODE	165-23245
Battery Type	LiFePO4
Nominal Battery Energy	5.12kWh
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Net Weight	43.5kg
Dimension(W*D*H)	481*535*140mm
Charging Temp. Range	0-55°C
Discharging Temp. Range	-10-55°C
Communication	CAN
Cycle Life [l]	> 6000 Cycles
Protection Level	IP20
Expansion	Up to 15 units in series
Compatible Inverters	Goodwe/Solis/SAJ/Si nexcel/Hoymiles/G rowatt/Ecatus/Sermatec/ATESS/Sunways etc.
Certification & Safety Standard	UN38.3/CE- EMC

	7 UNITS - 35.84kWh	11 UNITS - 56.32kWh
Rack Type	PowerRackHV4-7s	PowerRack HV4-11s
Battery Module Type	165-13245 (HV51100)	165-13245 (HV51100)
Battery Module Quantity	7 units	11 units
Nominal Battery Energy	35.84kWh	56.32kWh
Nominal Capacity	100Ah	100Ah
Nominal Voltage	358.4V	563.2V
Operating Vol. Range	313.6-403.2V	492.8-633.6V
Nominal Power Output	21.5kW	33.79kW
Max.Power Output	35.84kW	56.32kW
Recommend Charging Current	50A	50A
Recommend Discharging Current	50A	50A
Net Weight	397.5kg	646.5kg
Dimension(WxDxH)	548 x 568 x 1412mm	548 x 568 x 2012mm
Rack System Controlunit Type[1]	BDU100	BDU100
Module Quantity & Configuration	7 Units in series	11 Units in series



EXTREMELY LONG LIFE CYCLE

more than 6000 times or 10 years

Enerlution



HIGH VOLTAGE

BATTERY

Σύστημα Μπαταρίας

2.5 KWh H/V & PDU + BASE**2.5KWh H/V**

165-13220

PDU + BASE

165-13221

- LiFePO4 rechargeable battery A+Grade cell
- Easy extendibility with same units of 2,5kWh (10kW/12,5kW/15kW/17,5kW/20kW) etc.
- Good compatibility, standard communication protocol CAN and RS485, compatible with most popular hybrid and off-grid inverters in the market.
- IP65 protection class, suitable for outdoor and indoor installation.
- High protection measures, built-in Aerosol active fire protection module, thermal runaway detection.
- Plug and play installation design, no extra cables, saves installation costs

EUROLAMP CODE	165-13220 / 165-13221
Technical Data	
Model HYBESS	Ground HV-2500
Nominal Capacity	2.496KWh
Capacity	52Ah
Nominal Voltage	48V
Battery Type	LiFePO4
Connection	1P1S
Voltage Working Range	42.75V-54.75V
Working Temperature	Charge: 0°C~+55°C / Discharge: -20°C~+60°C
Max Charge Current	35A
Max Discharge Current	35A
Weight	~23.5kg
Dimension	220 x 606 x 170mm
Ip Protection	IP65
Transportation Soc	30%
Storage	-10°C~+35°C
Temperature / Cycle Life	<6000 25°C 0.5°C
Recycleable	Fully recyclable at the end of life
Installation	Floor Installation



Enerlution

The upgraded Tower Series is tailor-made for large residential application.

Stackable design with self-adaptive modules, five energy choices of up to 21.31kWh with parallel connection available, advanced LiFePO4 technology, remote upgrade, high waterproof level and good cooling function.



	4 UNITS - 10KW	5 UNITS - 12.5KW	6 UNITS - 15KW	7 UNITS - 17.5KW	8 UNITS - 20KW
Technical Data					
Model HYBESS	Ground HV-10K	Ground HV-12.5K	Ground HV-15K	Ground HV-17.5K	Ground HV-20K
Nominal Capacity	9.984KWh	12.48KWh	14.976KWh	17.472KWh	19.968KWh
Capacity			52Ah		
Nominal Voltage	192V	240V	288V	336V	384V
Battery Type			LiFePO4		
Connection					
Voltage Working Range	171V-219V	213.75V-273.75V	256.55V-328.5V	299.25V-383.25V	342V-438V
Working Temperature			Charge: 0°C~+55°C / Discharge: -20°C~+60°C		
Max Charge Current			35A		
Max Discharge Current			35A		
Weight	~105kg	~129Kg	~152.3Kg	~175.5Kg	~199.5Kg
Dimension	220 x 606 x 900mm	220 x 606 x 1070mm	220 x 606 x 1240mm	220 x 606 x 1410mm	220 x 606 x 1580mm
Ip Protection			IP65		
Transportation Soc			30%		
Storage			-10°C~+35°C		
Temperature / Cycle Life			≤6000 25°C 0.5°C		
Recycleable			Fully recyclable at the end of life		
Installation			Floor Installation		

HOME ENERGY STORAGE SYSTEM

HIGH VOLTAGE



HIGH VOLTAGE

BATTERY TOWER

Σύστημα Μπαταρίας

3.55 KWh H/V & PDU + BASE

3.55KWh H/V

165-13225

PDU + BASE

165-13224

The upgraded Tower Series is tailor-made for large residential application.

Stackable design with self-adaptive modules, five energy choices of up to 21.31kWh with parallel connection available, advanced LiFePO4 technology, remote upgrade, high waterproof level and good cooling function.

EUROLAMP CODE	165-13225 / 165-13224
Technical Data	
Cell Technology	Li-ion(LFP)
Battery Module Capacity (kWh)	3.55
Battery Module Voltage (Vdc)	96
Battery Module Capacity (Ah)	37
Battery Module Cell Quantity (pcs)	30
Battery Cell Capacity (Wh)	118.4
Battery Cell Voltage (Vdc)	3.2
Battery Cell Capacity (AH)	37
Battery Module Cell Quantity in Series (pcs)	30S1P
Battery Module Charge Voltage (Vdc)	108
Battery Module Charge Current (Normal)	75
Battery Module Discharge lower-Voltage (Vdc)	84
Battery Module Discharge Current (Normal)	18.5
Dimension(W x D x H, mm)	504 x 380 x 240mm
Communication	CAN
Pollution Degree (PD)	II
IP Grade	IP54
Weight(kg)	41

HOME ENERGY STORAGE SYSTEM

I HIGH VOLTAGE



	Tower T7	Tower T10	Tower T14	Tower T17	Tower T21
Technical Data					
Nominal Battery Energy	7.10kWh	10.66kWh	14.20kWh	17.76kWh	21.31kWh
Nominal Capacity	37Ah	37Ah	37Ah	37Ah	37Ah
Nominal Voltage	192V	288V	384V	480V	576V
Maximum Continuous Discharge Power ^[2]	4.26kW	6.39kW	8.52kW	10.65kW	12.78kW
Maximum Continuous Charge Power ^[2]	4.26kW	6.39kW	8.52kW	10.65kW	12.78kW
Dimension [W*D*H]	504 x 380 x 700mm	504 x 380 x 900mm	504 x 380 x 1100mm	504 x 380 x 1300mm	504 x 380 x 1500mm
Net Weight	105kg	146kg	187kg	228kg	269kg
Module Number	2	3	4	5	6
Charging Temp. Range	0~50°C				
Discharging Temp. Range	-10-50°C				
Communication	CAN				
Warranty	10 Years				
Warranty Document Supplied	Yes				
Calendar Life ^[1]	>6000 Cycles				
Protection Level	IP54				
Color	White				
Alarms	Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit				
Pros	Can be used in both off-grid and hybrid setups, compact design, modular expansion				
Battery Module Type	Hv9637				
Module Connection Method	Series				
Compatible Inverters	Goodwe/Solis/Hoymiles/Sermatec/ATESS/Sinexcel/Luxpower/Sunways, more brands will be announced				
Certification	TUV/CE/IEC62619/ IEC 62040/UN38.3/CEC Accredited/UL1973				

HOME ENERGY STORAGE SYSTEM

HIGH VOLTAGE



HIGH VOLTAGE

BATTERY TOWER PRO

Σύστημα Μπαταρίας

3.84 KWh H/V & PDU + BASE

3.84KWh H/V

165-13222

PDU + BASE

165-13223

- Monitor Your System**
with Dyness Smart APP and Website
- Optimized User Experience**
LED display, real-time monitoring
& remote upgrade (optional)
- Ultra Rapid Charge**
One hour to fully charge the battery
- Easy to Install**
Stackable auto-configuration modules
wireless connection
- High Protection Level**
Indoor & outdoor installations
- Wide Compatibility**
Matching with leading inverters

EUROLAMP CODE	165-13222 / 165-13223
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Technical Data

Cell technology	Li-ion (LFP)
Battery module capacity (kWh)	3.84
Battery module voltage (V/DC)	96
Battery module capacity (Ah)	40
Number of battery module cells (pcs)	30
Battery cell capacity (Wh)	128
Battery cell voltage (V/DC)	3.2
Battery cell capacity (Ah)	40
Number of battery module cells in series (pcs)	30
Battery module charge voltage (V/DC)	109.5
Battery module charge current (standard) [A]	20
Battery module charge current (normal) [A]	40
Battery module charge current (max) [A]	40
Battery module discharge minimum voltage (V/DC)	84
Battery system discharge current (standard) [A]	20
Battery module discharge current (normal) [A]	40
Battery module discharge current (max) [A]	40
Dimensions (W x D x H, mm)	587 x 310 x 241mm
Communication mode	CAN/RS485
Pollution degree (PD)	II
Ambient temperature (°C)	0 to +50
IP protection class	IP55
Weight (kg)	34.5

HOME ENERGY STORAGE SYSTEM

I HIGH VOLTAGE



Dyness Tower Pro Series with IP55 protection level offers multiple energy options through an expandable modular design (2-6 modules combined), and the expandable parallel connection of up to 12 clusters allows for a maximum capacity of 276.48 kWh. The stackable auto-configuration modules make the system easier to install and maintain. Tower Pro also offers an optimized user experience with ultra-rapid charge (1C), LED display on the BDU, and remote upgrade and monitoring.

	Tower Pro T7	Tower Pro T11	Tower Pro T15	Tower Pro T19	Tower Pro T23
Technical Data					
Battery Module Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Battery Module Quantity	2	3	4	5	6
Usable Energy	7.68kWh	11.52kWh	15.36kWh	19.2kWh	23.04kWh
Operating Voltage	168~219V	252~328V	336~438V	420~547V	504~657V
Nominal Voltage	192V	288V	384V	480V	576V
Nominal Capacity	40Ah	40Ah	40Ah	40Ah	40Ah
Max. Continuous Charge/Discharge Power	7.68kW	11.52kW	15.36kW	19.2kW	23.04kW
Recommended Depth of Discharge (DOD)	95%	95%	95%	95%	95%
Dimensions (W x D x H, mm)	587 x 310 x 788mm	587 x 310 x 1009mm	587 x 310 x 1230mm	587 x 310 x 1451mm	587 x 310 x 1672mm
Net Weight(kg)	99.5kg	135kg	170.5kg	206kg	241.5kg
Charging Temperature Range	0~50oC				
Discharging Temperature Range	-10~50oC				
Communication	CAN/RS485/RS232				
Cycle life	≥6000 Cycles				
Protection Level	IP55				
Color	White				
Alarms	Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit				
Pros	Can be used in both off-grid and hybrid setups, compact design, modular expansion				
Battery Module Name	HV9640				
Expansion	Max. 12 Tower Pro can be connected in parallel				
Certification	UN38.3/VDE2510-50/IEC62619/IEC63056/IEC62477/IEC62040/CE-EMC/ROHS				
Compatible Inverters	Ingeteam/Kostal/Goodwe/Solis/SAJ/Sinexcel/Atess/Deye/Sunways/Ecactus				

EXTREMELY LONG LIFE CYCLE
more than **6000** times or **10** years

HOME ENERGY STORAGE SYSTEM

HIGH VOLTAGE



HIGH VOLTAGE

BATTERY

Σύστημα Μπαταρίας

2.5 KWh H/V & PDU + BASE

2.5KWh H/V

165-13241

PDU + BASE

165-13242

The upgraded Tower Series is tailor-made for large residential application.

Stackable design with self-adaptive modules, with parallel connection available, advanced LiFePO4 technology, remote upgrade, high waterproof level and good cooling function.



EUROLAMP CODE	165-13241 / 165-13242
Technical Data	
capacity	52Ah
Nominal Voltage	48v
Battery Type	LiFePO4
Connection	1P1S
Voltage Working Range	42.75V-54.75V
Working Temperature	Charge: 0°C~+55°C/Discharge: -20°C~+60°C
Nominal Capacity	2.496KWh
Max Charge Current	35A
Max Discharge Current	35A
Weight	~23.5kg
Dimension	220 x 606 x 170mm
IP Protection	IP65
Transportation SOC	30%
Storage	-10°C~+35°C
Temperature / cycle life	≤6000 25°C 0.5°C 85% DOD
Recycleable	Fully recyclable at the end of life
installation	Floor Installation

HOME ENERGY STORAGE SYSTEM

I HIGH VOLTAGE



Expansion Flexibility

Easy Installation

Safe & Reliable

Environment Adaptabilit

Smart O&M

More Usable Energy



	AF1000W-H4	AF12500W-H5	AF15000W-H6	AF17000W-H7	AF20000W-H8
Technical Data					
capacity			52Ah		
Nominal Voltage	192V	240V	288V	336V	384V
Battery Type			LiFePO4		
Connection	1P60S	1P75S	1P90S	1P105S	1P120S
Voltage Working Range	171V-219V	213.75V-273.75V	256.55V-328.5V	299.25V-383.25V	342V-438V
Working Temperature		Charge: 0°C~+55°C/Discharge: -20°C~+60°C			
Nominal Capacity	9.984KWh	12.48KWh	14.976KWh	17.472KWh	19.968KWh
Max Charge Current			35A		
Max Discharge Current			35A		
Weight	~105kg	~129kg	~152.3kg	~175.5kg	~199.5kg
Dimension	220 x 606 x 900mm	220 x 606 x 1070mm	220 x 606 x 1240mm	220 x 606 x 1410mm	220 x 606 x 1580mm
IP Protection			IP65		
Transportation SOC			30%		
Storage			-10°C~+35°C		
Temperature / cycle life			≤6000 25°C 0.5°C 85% DOD		
Recycleable			Fully recyclable at the end of life		
installation			Floor Installation		



BATTERY SYSTEM CONTAINER BOX POWER STONE

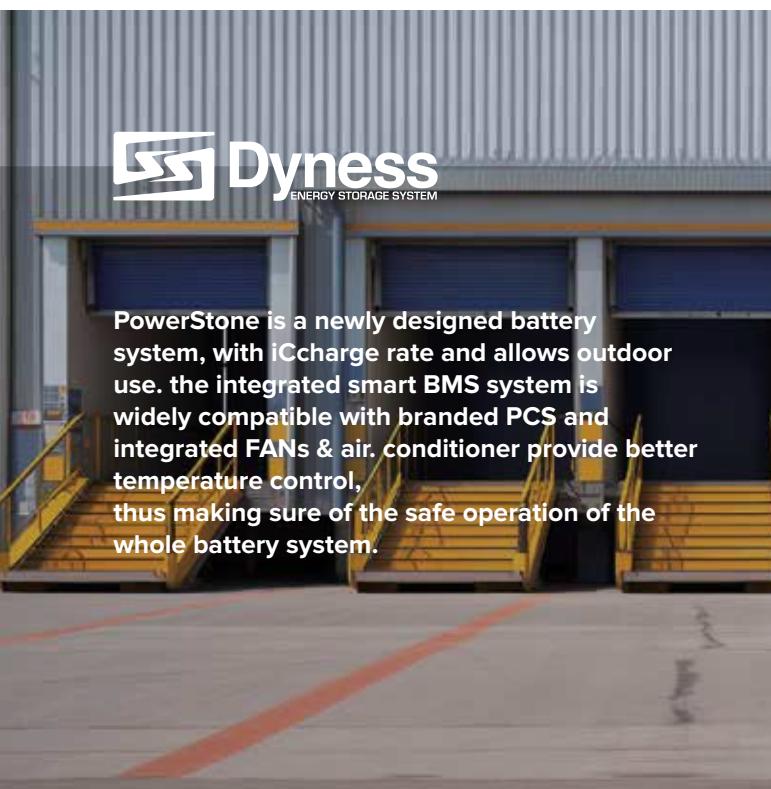
Σύστημα Μπαταριών

76.8KWh H/V

165-13280

153.6KWh H/V

165-13281



PowerStone is a newly designed battery system, with iCcharge rate and allows outdoor use. the integrated smart BMS system is widely compatible with branded PCS and integrated FANs & air. conditioner provide better temperature control, thus making sure of the safe operation of the whole battery system.



COMMERCIAL ENERGY STORAGE SYSTEMS
POWER STONE



EUROLAMP CODE	165-13280	165-13281
Technical Data		
System Model	PowerStone ESS77F-30HV	PowerStone ESS154F-60HV
Battey Type	Li-ion(LFP)	Li-ion(LFP)
Nominal Battery System Energy(kWh)	76.8	153.6
Nominal Battery System Voltage(Vdc)	768	768
Battery System Working Voltage Range(Vdc)	672~864	672~864
Battery System Weight(kg)	1700	2800
Battery Cabinet Dimension(W x D x H,mm)	1416 x 1163 x 2091mm	1416 x 1593 x 2091mm
Battery Module Type	HV51100F	HV51100F
Battery Module Number(pcs)	15	30
Expandable	Max.15 cabinets connected in parallel	Max.7 cabinets connected in parallel
Recommended C Rate	1	
Depth of Discharge	100%	
Battery System Protection Level	IP55	
Anticorrosion Grade	C3	
Altitude(m)	≤2000m	
Communication	CAN/RS485	
Installation Environment	Outdoor	
Cooling Method	Air conditioning cooling	
Wiring	Cables enter and exit at the bottom of the cabinet	
Humidity range	0%~95%(No condensation)	
Compliance	TUV/CE/IEC62619/IEC 62040/UN38.3/UL1973	
Warranty[1]	Standard 5 Years(10 years optional)	
Battery Module Specifications		
Battery Type	Li-ion(LFP)	
Nominal Battery Module Voltage(Vdc)	51.2	
Nominal Battery Module Capacity(Ah)	100	
Nominal Battery Module Energy(kWh)	5.12	
Recommended Charge/Discharge Current(A)	50	
Max. Continuous Charge/Discharge Current(A)	100	
Battery Module Weight(Kg)	55	
Dimension(W x D x H, mm)	548 x 574 x 152.8(Dimension without fan)mm	
Battery Module Protection Level	IP20	
Cooling Method	Air cooling	
Charging Temp. Range($^{\circ}$ C)	0~55	
Discharging Temp. Range($^{\circ}$ C)	-10~55	

COMMERCIAL ENERGY STORAGE SYSTEMS
DH200F



BATTERY SYSTEM CONTAINER BOX **DH200F**

Σύστημα Μπαταριών

215 KWh

165-13240



EUROLAMP CODE	165-13240
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Battery Specifications

Battery Module Type	HV51280F
Cell Capacity	280Ah
Battery Voltage Range	672~864V
Nominal Current	140A (0.5C)
System Storage Power	215kWh

AC Specifications (on-grid)

Nominal Power	100kW
AC Nominal Voltage	400V
Wiring	3P4L+PE
Nominal Frequency	50Hz
AC Maximum Current	158A

AC Specifications (off-grid)

Nominal Power	100kW
AC Nominal Voltage	400V
Wiring	3P4L+PE
Nominal Frequency	50Hz
AC Maximum Current	158A
Unbalanced Load Capacity	100%

Photovoltaic Input

MPPT Voltage Range	200-670V
MPPT channels	Up to three
Input Power	Single channel 50kW

EUROLAMP CODE	165-13240
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System Specifications

Dimensions (W*D*H)	1850 x 1200 x 2250mm
Weight	=3300kg
System Round-trip Efficiency	91%(TBD)
Operation Temperature	-20°C~ 55°C
Operation Humidity	0~95%
Protection Level	IP55
Anti-corrosion Level	C4
Noise Level	≤75dB
Altitude	≤3000m
Cooling System	Fan Cooling
Communication	Ethemnet /RS485/CAN/USB
Certification	CE/CQC



**All-in-one
integrated system
design inside the
Cabinet to fulfill C&I
scenarios.**

- Overall solar + storage solution
- All-in-one design concept
- High-level safety design
- Convenient outdoor setup
- Allow flexible system design
- Capacity expandable to megawatts



BATTERY SYSTEM CONTAINER BOX **DH200F**

Σύστημα Μπαταρίας



1290KWh

6 parallel / 20ft container
165-13283

2580KWh

12 parallel / 40ft container
165-13284

- Standard 20/40 feet container design
- Pre-integration, less construction
- Container Stack-up ability
- Integrated unified management
- Cluster level balance management
- High availability





Energy Storage

Typical Application Scenarios

- High energy consumption industry + energy storage
- Photovoltaic storage charging station
- Data Center + Energy Storage Project
- Zero-carbon smart park + energy storage
- Energy Storage + Microgrid

EUROLAMP CODE	165-13283	165-13284
System Specifications		
Product Specification	6 parallel/20ft container	12 parallel/40ft container
AC Nominal Voltage	400V	
Total System Power	600kW	1200kW
Single System Battery Configuration	A cluster of 15 modules	
PACK Quantity	90	180
System Power Storage	1290kWh	2580kWh
Dimensions (W*D*H)	6.058 x 2.438 x 2.591m	12.192 x 2.438 x 2.591m
Weight	About 21.8 tons	About 43.6 tons
Operation Temperature	-20~55°C	
Operation Humidity	0~95%	
Protection Level	IP55	
Noise Level	≤75dB	
Max Operation Altitude	≤3000m	
Cooling System	Fan Cooling	
Communication	Ethernet /RS485/CAN/USB	
Certification	CE/CQC	



 **Sinexcel** 



EV CHARGERS

THREE & SINGLE FACE

SUNTREE SINGLE PHASE
DOMESTIC USE

78

BENY SINGLE & THREE PHASE
DOMESTIC USE

80

BENY THREE PHASE
COMERCIAL USE

82

SINEXCEL INTERSTELLAR THREE PHASE
COMERCIAL USE

84

EV CHARGER DOMESTIC USE

| SINGLE PHASE



SINGLE PHASE

EV CHARGER DOMESTIC USE

Μονοφασικός Φορτιστής Αυτοκινήτου
Οικιακής χρήσης

7 KW

165-50006



Search & download "Tuya Smart"



EUROLAMP CODE	165-50006
Technical Data	
Input voltage	Single phase 230Vac
Input power	7KW
Output power	7KW
Input frequency	50 to 60 Hz
Output current	0-32A
Protection level	IP55
Working temperature	-40°C ~ + 50°C
Color	Silver
Fuselage size	240x145x80mm
Function	Plug-in and charge
Leakage detection	Type A+DC6mA
Cable length	5M
Authorization	RFID / Plug in and charge App
Communication Method	WiFi / Bluetooth



EV CHARGER DOMESTIC USE

| SINGLE PHASE



EV CHARGER COMERCIAL & DOMESTIC USE

| SINGLE & THREE PHASE



SINGLE PHASE

EV CHARGER DOMESTIC USE

Μονοφασικός Φορτιστής Αυτοκινήτου
Οικιακής χρήσης

7.4 KW

165-50002

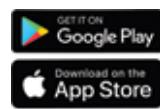
THREE PHASE

EV CHARGER DOMESTIC USE

Τριφασικός Φορτιστής Αυτοκινήτου
Οικιακής χρήσης

22 KW

165-50003



Search & download the APP "Z-box"

EUROLAMP CODE	165-50002	165-50003
Technical Data		
Voltage and wiring	Single Phase EV Charger: AC230V±10%;L1,PE	Three Phase EV Charger: AC400V±10%, L1, L2, L3, N, PE
Voltage(V)	230	
Current(A)	32	
Power(W)	7360	22080
Frequency	50/60HZ	
Cable length	5M	
EV charger dimensions	Height:380mm Width:169mm Depth:151/201mm	
Gross Weight	7KG/5KG	
Operating temperature	-25°C~55°C	
Enclosure rating	IP65	
Standby power	2W	
Humidity	<95%No condensation	
Altitude	≤2000M	
Leakage detection	TYPE A + DC6mA leakage sensor built-in	
Authorization	RFID / Plug in and charge App	
Communication Method	Bluetooth	

EV CHARGER COMERCIAL & DOMESTIC USE

| SINGLE & THREE PHASE



EV CHARGER COMERCIAL USE

THREE PHASE



THREE PHASE

DUAL SOCKET SMART EV CHARGER

COMERCIAL USE

Τριφασικός Φορτιστής Αυτοκινήτου
Επαγγελματικής χρήσης

2x22 KW
165-50017



Search & download the APP "Z-box"

EUROLAMP CODE	165-50017
Maximum Power	2x22 KW
Input voltage/Output voltage	AC400 3-Phase
Input frequency	50Hz/60Hz
Socket	2xSocket
Meter	2xMID Meter
Display	LCD Screen + LED Lights
Frequency	50Hz/60Hz
Rate Charging Current	6-32A
Standby Power Consumption	4G: <8W Wi-Fi:<6W
Operating Temperature	-25°C~50°C
Storage temperature	-40°C-85°C
Operating Humidity	5%-95%
IP Protection	IP55
Safety Protection	Leakage Protection, Over Current Protection, Ground Protection, Over Voltage Protection, Under Voltage Protection Contactor Adhesion Protection, Neutral and Live Wire Reverse Connection Protection, Over Temperature Protection CP Signal Abnormal Protection, Lightning Protection"
Operating Altitude	<2000M
Charger Dimension	Height: 470mm Width: 225.3mm Depth: 177.3mm
Gross Weight	9.8KG
Leakage Detection	TYPE A+DC6mA leakage sensor built-in
Color	Black
Authorization	RFID / Plug in and charge App
Communication Method	WiFi / 4G / Bluetooth

EV CHARGER COMERCIAL USE

| THREE PHASE



DUAL SOCKET CHARGES 2 CARS

at the same time

- 3 Phase, 22kW-2*22kW
- Dual Socket, Type 2 (IEC 62196-2)
- Plug and start to charge automatic, RFID card
- LCD Screen+LED Lights
- OCPP 1.6J
- Full protection



EV CHARGER COMERCIAL USE

| THREE PHASE



Sinexcel

THREE PHASE

INTERSTELLAR EV CHARGER COMERCIAL USE

Τριφασικός Φορτιστής Αυτοκινήτου
Επαγγελματικής χρήσης

22 KW

165-50014



Search & download "Sinexcel AC"



EUROLAMP CODE	165-50014
Technical Data	
Rated Power	22kW
Input/Output Voltage	Three-Phase 400V
Input/Output Current	32A
Weight	7.5KG
Dimensions	W406*H450*D162
Frequency	50Hz
Connector	IEC Type 2
Cable Length	5m
"Charging Status Information"	LED/Display(optional)
Authorization	NFC/RFID/Plug and Charge APP(optional)
Metering	MID Meter(optional)
Communication Method	LAN/Wifi/4G(optional)
"Communication Protocol"	OCPP1.6J(can be updated to 2.0)
Installation	Floor-mounted/Wall-mounted
Protection Function	Over current protection, over/under voltage protection, over temperature protection, lighting protection, short circuit protection, etc.
Protection Rating	IP65/IK10
"Operation Temperature"	-30°C~+55 °C
Operation Altitude	<2000m
Relative Humidity	5%-95%
RCD	TypeA+DC 6mA
EMC	Class B
Certification	CE/TR25/TUV Mark/RCM
Color	White





KIWI Enerlution **Chisolar®**

EUROLAMP® Απολαμπτικός
πρωτοπόρους τεχνολογίας
Ελλάδος



PORTABLE POWER STATION

PORTABLE BATTERY & PANEL

KIWI
PORTABLE BATTERY

88

ENERLUTION
PORTABLE BATTERY

90

CHISOLAR
PORTABLE PV PANEL

91



PORTABLE BATTERY

Φορητή Μπαταρία

153,6Wh/150W

165-40000

- **LiFePO4 battery:**
Ultra Safe No Fire No Explosion+2000Cycles Lifespan
- **Pure Sine Wave Inverter 150W**
The waveform is same as Mains Electricity With Strong Loading Capacity
- **Super Fast Charging**
Adapter/Solar/Car Charging=65W→2.9Hours Full Charging Time
- **PD100W Fast Charging Type-C**
Charging your Phone, Tablet, and Laptop
- **DCDC5521 11.2v-14.6V/10A Regulated Voltage Output**
Powerfully carrying DC12V equipment and Car Accessories
- **LCD Display Screen**

Compatible with:
165-45030

EUROLAMP CODE	165-4000
Technical Data	
Battery Capacity	3.2V, 4800mAh=153.6Wh
Battery Type	LiFePO4 battery
Inverter Power	150W
Inverter Type	Modified Sine Wave
Input Recharging	AC Charging: 18V3.61A=65W Car Charger: 13V6A=78W 24V3.61A=86.64W Solar Panel: 10-28V/3.61A=65W "AC Power: Rated 150W & Peak 300W 100V/110V/120V/220V/230V/240V, 50/60Hz (Can be customized)"
AC Output	2xDC5521: 12V/10A 1xCigarette lighter output: 12V/10A 100V/110V/120V/220V/230V/240V, 50/60Hz (Can be customized)"
DC Output	2xUSB-A: QC18W "1×Type-C: PD18W 1×Type-C: PD100W"
USB-A Output	2xUSB-A: QC18W "1×Type-C: PD18W 1×Type-C: PD100W"
Type-C Output	Flashlight/Blink/SOS
Ultra Bright LED	LCD Display
Power Indicator	>2000 Times
Lifecycles	AC adapter*1 ,Car charger*1, Cigarette lighter adapter*1, User manual*1 >2000 Times
Accessories	"AC Cable,DC 7909 to Car Charger Cable, User Manual"
Lifecycles	
Accessories	

PORTRABLE POWER STATION
PORTABLE BATTERY

KIWI



PORTABLE BATTERY

Φορητή Μπαταρία

288Wh/300W

165-40001

- **LiFePO4 battery:**
Ultra Safe No Fire No Explosion+2000Cycles Lifespan
- **Pure Sine Wave Inverter 300W**
The waveform is same as Mains Electricity With Strong Loading Capacity
- **Super Fast Charging**
Adapter/Solar/Car Charging=120W→2.9Hours Full Charging Time
- **PD100W Fast Charging Type-C**
Charging your Phone, Tablet, and Laptop
- **DC12V10A Regulated Voltage Output**
Powerfully carrying DC12V equipment and Car Accessories
- **LCD Display Screen**

Compatible with:

165-45030 / 165-45031 / 165-45032

EUROLAMP CODE	165-40001
Technical Data	
Battery Capacity	3.2V, 90000mAh=288Wh
Battery Type	LiFePO4 battery
Inverter Power	300W
Inverter Type	Pure Sine Wave
Input Recharging	"AC Charging: 24V5A=120W Car Charger: 13V6.6.7A=86.71W 24V5A=120W Solar Panel: 10-28V/6.67A=120W"
AC Output	"AC Power: Rated 300W & Peak 600W 100V/110V/120V/220V/230V/240V, 50/60Hz (Can be customized)"
DC Output	2xDC5521: 12V/10A 1xCigarette lighter output: 12V/10A
USB-A Output	2×USB-A: QC18W
Type-C Output	"1×Type-C: PD18W 1×Type-C: PD100W"
Ultra Bright LED	Flashlight/Blink/SOS
Power Indicator	LCD Display
Lifecycles	>2000 Times
Accessories	AC adapter*1, Car charger*1, Cigarette lighter adapter*1, User manual*1

Enerlution



PORTABLE BATTERY

Φορητή Μπαταρία

346Wh/600W

165-13203

- Power conditioning
- Fast charging technology
- **1.5hrs 80%capacity**
- Accurate soc calculation
- Wireless charger
- Pure sine wave
- Led and flashlight
- Usb-pd 60w
- Port covers

Compatible with:

165-45030 / 165-45031 / 165-45032

EUROLAMP CODE	165-13203
Technical Data	
Battery Type	LifePO4
Capacity	346Wh (22.2V,15.6Ah)
Dimensions	L230 x W168 x H178 mm
Weight	4.24kg
AC Input	120V~60Hz 250W Max
DC Input	12-28V , 120W Max
AC Outlet	1x 120V~60Hz 600W, 1200W surge
Cigarette Lighter Port	1x 12V 10A
USB-A Ports	3x 5V 3A,9V 2A,12V 1.5A, total 54W Max
USB-C Port	1x 5V 3A,9V 3A,12V 3A,15V 3A,20V 3A, 60W Max
Wireless Charger	1x 10W
LED Lighting	1x 1W
Flashlight (SOS Mode)	1x 1W
Lifecycles	>2000 Times
Accessories	"AC Cable,DC 7909 to Car Charger Cable, User Manual"

PORATBLE POWER STATION
PORATBLE PV PANEL



Chisolar®

PORTABLE PANEL

Φορητο Panel

50W

165-40030

- Using A grade Mono Solar cells
- ETFE or PET coating
- 600D fabric
- Output of the solar panel and the accessories is per customer's requirement
- OEM/ODM is supported

The 50w folding solar panel blanket is using A-Grade Mono solar cells and ETFE film, high efficient and scratch resistant. In-built support leg can adjust the angle facing to the sun. It is ideal for outdoor activities such as camping, climbing, hiking, designed for 12v Automotive, Marine and Recreational vehicle battery systems. For solar panel blanket wholesale, please inquiry



EUROLAMP CODE	165-40030
Technical Data	
Maximum Power Pmax	50W
Maximum Power Voltage (Vmp)	20V
Maximum Power Current (Imp)	2.5A
Open Circuit Voltage (Voc)	23,6V
Short Circuit Current (Isc)	2,75A
Cell Efficiency	22,50%
Dimension	740X442X15mm
Dimension When Folded	442x370x25mm
Weight	1,6Kg
Tolerance	+ - 3 %
Max System Open Circuit Voltage	1000V

PORATBLE POWER STATION
PORATBLE PV PANEL



Chisolar®

PORTABLE PANEL
Φορητό Panel
100W

165-40031

- Using A grade Mono Solar cells
- ETFE or PET coating
- 600D fabric
- Output of the solar panel and the accessories is per customer's requirement
- OEM/ODM is supported

The 100w folding solar panel blanket is using A-Grade Mono solar cells and ETFE film, high efficient and scratch resistant. In-built support leg can adjust the angle facing to the sun. It is ideal for outdoor activities such as camping, climbing, hiking, designed for 12v Automotive, Marine and Recreational vehicle battery systems. For solar panel blanket wholesale, please inquiry



EUROLAMP CODE	165-40031
Technical Data	
Maximum Power Pmax	100W
Maximum Power Voltage (Vmp)	20V
Maximum Power Current (Imp)	5A
Open Circuit Voltage (Voc)	23,6V
Short Circuit Current (Isc)	5,5A
Cell Efficiency	22,50%
Dimension	1241X550X15mm
Dimension When Folded	550x620x30mm
Weight	3,1Kg
Tolerance	+ - 3 %
Max System Open Circuit Voltage	1000V

PORATBLE POWER STATION
PORTABLE PV PANEL



PORTABLE PANEL

Φορητό Panel

120W



165-40032

- Using A grade Mono Solar cells
- ETFE or PET coating
- 600D fabric
- Output of the solar panel and the accessories is per customer's requirement
- OEM/ODM is supported

This 120W Foldable Solar Blanket is light weight and small size when folded up, can charge 12v or 24v battery, a good partner of the portable power station. No need to install, just open it under the sun, you can enjoy the electric equipment anywhere.



EUROLAMP CODE	165-40032
Technical Data	
Maximum Power Pmax	120W
Maximum Power Voltage (Vmp)	20V
Maximum Power Current (Imp)	6A
Open Circuit Voltage (Voc)	23,6V
Short Circuit Current (Isc)	6,6A
Cell Efficiency	22,50%
Dimension	1316X762X15mm
Dimension When Folded	380x370x50mm
Weight	3,2Kg
Tolerance	+ - 3 %
Max System Open Circuit Voltage	1000V

PHOTOVOLTAIC SYSTEM ACCESSORIES

ΠΕΡΙΦΕΡΕΙΑΚΑ ΦΩΤΟΒΟΛΤΑΪΚΩΝ ΣΥΣΤΗΜΑΤΩΝ

Photovoltaic System Components

Εξαρτήματα Φωτοβολταϊκού Συστημάτος

165-13906	ΜΟΝΟΦΑΣΙΚΟΣ ΜΕΤΡΗΤΗΣ HXE110 HEXING ME MODEM	SINGLE PHASE METER HXE110 HEXING WITH MODEM
165-13903	ΤΡΙΦΑΣΙΚΟΣ ΜΕΤΡΗΤΗΣ HX310 HEXING ME MODEM	THREE PHASE METER HX310 HEXING WITH MODEM
165-13904	ΤΡΙΦΑΣΙΚΟΣ ΜΕΤΡΗΤΗΣ HF300 HEXING ΜΕΣΩ ΜΣ ΕΝΤΑΣΗΣ ΣΥΝΔΕΣΗΣ	THREE PHASE METER HF300 HEXING
165-13920	ΚΙΒΩΤΙΟ ΜΟΝΟΦΑΣΙΚΟΥ ΜΕΤΡΗΤΗ SOLAR	SINGLE PHASE METER BOX SOLAR
165-13921	ΚΙΒΩΤΙΟ ΤΡΙΦΑΣΙΚΟΥ ΜΕΤΡΗΤΗ SOLAR	THREE PHASE METER BOX SOLAR

Inverter Components AFORE

Εξαρτήματα Inverter AFORE

165-13912	4G MONITOR(Η ΚΑΡΤΑ SIM ΔΕΝ ΠΕΡΙΛΑΜΒΑΝΕΤΑΙ) AFORE	4G MONITOR(SIM CARD NOT INCLUDED) AFORE
165-13913	WIFI MONITOR AFORE	WIFI MONITOR AFORE
165-13914	ΜΟΝΟΦΑΣΙΚΟΣ ΕΞΥΠΝΟΣ ΜΕΤΡΗΤΗΣ AFORE 10KW	SINGLE PHASE SMART METER AFORE 10KW
165-13915	ΤΡΙΦΑΣΙΚΟΣ ΕΞΥΠΝΟΣ ΜΕΤΡΗΤΗΣ AFORE 130KW ME 1000/5 CT	THREE PHASE SMART METER AFORE130KW WITH 1000/5 CT
165-13916	ETHERNET MONITOR AFORE	ETHERNET MONITOR AFORE
165-13922	ΤΡΙΦΑΣΙΚΟΣ ΕΞΥΠΝΟΣ ΜΕΤΡΗΤΗΣ AFORE 50KW	THREE PHASE SMART METER AFORE 50KW

Optimizer

Βελτιστοποιητής

165-13917	TIGO TS4-A-O ΚΟΥΤΙ ΒΕΛΤΙΣΤΟΠΟΙΗΣΗΣ ΝΕΟΥ ΜΟΝΤΕΛΟΥ	TIGO TS4-A-O OPTIMIZATION BOX NEW MODEL
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Cable Solar

Καλώδιο Solar

150-12002	ΚΑΛΩΔΙΟ SOLAR 6mm2 KOKKINO (100m roll)	CABLE SOLAR 6mm2 RED (100m roll)
150-12003	ΚΑΛΩΔΙΟ SOLAR 6mm2 MAYPO (100m roll)	CABLE SOLAR 6mm2 BLACK (100m roll)
150-12004	ΚΑΛΩΔΙΟ SOLAR 6mm2 KOKKINO (500m DRUM)	CABLE SOLAR 6mm2 RED (500m DRUM)
150-12005	ΚΑΛΩΔΙΟ SOLAR 6mm2 MAYPO (500m DRUM)	CABLE SOLAR 6mm2 BLACK (500m DRUM)
150-12006	ΚΑΛΩΔΙΟ SOLAR 10mm2 KOKKINO (500m DRUM)	CABLE SOLAR 10mm2 RED (500m DRUM)
150-12007	ΚΑΛΩΔΙΟ SOLAR 10mm2 MAYPO (500m DRUM)	CABLE SOLAR 10mm2 BLACK (500m DRUM)

Plug-Connectors SOLAR IP68

Φίς-Σύνδεσμοι SOLAR IP68

147-11400	MC4 ΑΡΣΕΝΙΚΟ SOLAR P68 2P 4-6MM	PLUG MALE SOLAR MC4 IP68 2P 4-6mm
147-11401	MC4 ΘΗΛΥΚΟ SOLAR P68 2P 4-6MM	PLUG FEMALE SOLAR MC4 IP68 2P 4-6mm

Adapter SOLAR MC4 IP68

Αντάπτορ SOLAR MC4 IP68

147-11410	ΑΝΤΑΠΤΟΡ ΑΡΣΕΝΙΚΟ ΣΕ 2 ΘΗΛΥΚΑ SOLAR MC4 IP68 2P 4-6mm	ADAPTOR MALE - 2 FEMALE MC4 IP68 2P 4-6mm
147-11411	ΑΝΤΑΠΤΟΡ ΘΗΛΥΚΟ ΣΕ 2 ΑΡΣΕΝΙΚΑ SOLAR MC4 IP68 2P 4-6mm	ADAPTOR FEMALE - 2 MALE MC4 IP68 2P 4-6mm
147-11412	ΑΝΤΑΠΤΟΡ ΑΡΣΕΝΙΚΟ ΣΕ 3 ΘΗΛΥΚΑ SOLAR MC4 IP68 2P 4-6mm	ADAPTOR MALE - 3 FEMALE MC4 IP68 2P 4-6mm
147-11413	ΑΝΤΑΠΤΟΡ ΘΗΛΥΚΟ ΣΕ 3 ΑΡΣΕΝΙΚΑ SOLAR MC4 IP68 2P 4-6mm	ADAPTOR FEMALE - 3 MALE MC4 IP68 2P 4-6mm
147-11414	ΑΝΤΑΠΤΟΡ ΜΕ ΚΑΛΩΔΙΟ ΑΡΣΕΝΙΚΟ ΣΕ 2 ΘΗΛΥΚΑ SOLAR MC4 IP68 2P 4-6mm	ADAPTOR WITH CABLE MALE - 2 FEMALE MC4 IP68 2P 4-6mm
147-11415	ΑΝΤΑΠΤΟΡ ΜΕ ΚΑΛΩΔΙΟ ΘΗΛΥΚΟ ΣΕ 2 ΑΡΣΕΝΙΚΑ SOLAR MC4 IP68 2P 4-6mm	ADAPTOR WITH CABLE FEMALE - 2 MALE MC4 IP68 2P 4-6mm
147-11416	ΑΝΤΑΠΤΟΡ ΜΕ ΚΑΛΩΔΙΟ ΑΡΣΕΝΙΚΟ ΣΕ 3 ΘΗΛΥΚΑ SOLAR MC4 IP68 2P 4-6mm	ADAPTOR WITH CABLE MALE - 3 FEMALE MC4 IP68 2P 4-6mm
147-11417	ΑΝΤΑΠΤΟΡ ΜΕ ΚΑΛΩΔΙΟ ΘΗΛΥΚΟ ΣΕ 3 ΑΡΣΕΝΙΚΑ SOLAR MC4 IP68 2P 4-6mm	ADAPTOR WITH CABLE FEMALE - 3 MALE MC4 IP68 2P 4-6mm







embracing the power of sunlight



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