



# UV CARE 222 RENEWABLES

SUPPLIERS OF  
**Solar & Storage**  
**Electrical & Application Facilities**

All Scenario Products



**GLOBAL SUPPLIER OF SOLAR AND STORAGE ELECTRICAL & APPLICATION FACILITIES**

## ABOUT LONGMAX

Founded in 2002, Longmax is an innovative high-tech company integrating intelligent manufacturing, power station investment and carbon asset management.

Main business: photovoltaic convergence and grid-connected products, optical storage system products and solutions, "photovoltaic +" application system solutions, optical storage station asset investment and operation management.

More than 140 patents and 6 high-tech products. Longmax passed ISO9001, ISO14001, ISO45001 system certification. Products through UL, TUV, CE and other domestic and foreign certification. Serving more than 1000 global customers. Exported to Europe, America, Japan, Australia, Vietnam, Philippines, Egypt, South Africa and other more than 60 countries and regions around the world.

At present, Longmax is one of the world's largest photovoltaic Combiner box production and shipping companies. Accumulated shipments exceeded 130GW. More than 100 photovoltaic power stations have been invested and served, with a total installed capacity of more than 80MW.

**22 yrs**

Industry Experience

**60+**

Exporting Countries

**140+**

Patents

**130 GW+**

Cumulative Shipments

**80 MW+**

Power Stations Invest, Construct, Service

**1000+**

Global Customers

## Group Position

Longmax Technology is positioned as a professional solar and storage electrical technology integrator, committed to providing overall solutions for solar photovoltaic applications and one-stop services for the entire life cycle.



## GLOBAL MARKET LAYOUT



### EXPORTING COUNTRIES (Part)



### GLOBAL CUSTOMERS (Part)



## Contexts

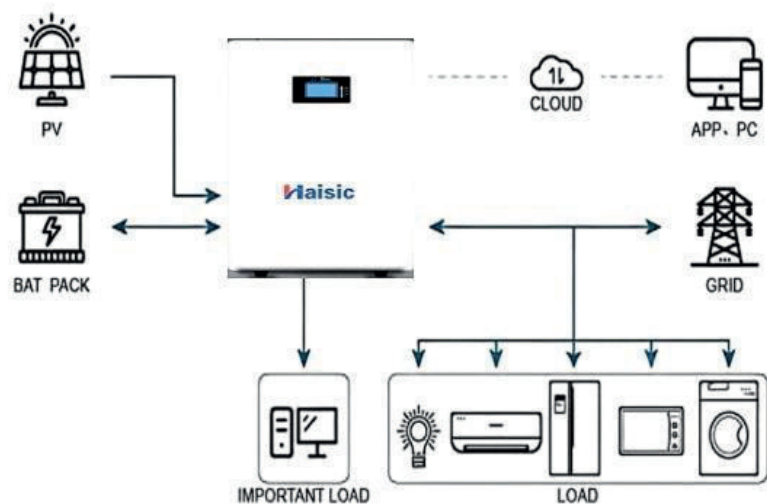
|    |                                                                     |       |
|----|---------------------------------------------------------------------|-------|
| 01 | LONGMAX HES (Longmax home energy storage)                           | 01    |
| 02 | Bifacial Dual Glass Monocrystalline Module GCL-NT12R/66GDF 959-620W | 02-03 |
| 03 | Rechargeable LITHIUM IRON PHOSPHATE(LiFePO4)Battery HS-BG51150      | 04    |
| 04 | Single Phase Hybrid Storage Inverter 4-6 kW Plus Series             | 05    |
| 05 | Chargers                                                            | 06-07 |

# 01 LONGMAX HES ( Longmax home energy storage )

## Product features

- All-in-one: Solar, battery, and inverter integrated – plug and play
- NA & EU ready: Compatible with major batteries and UL/IEC/NEC standards
- Seamless backup: Automatic switch during outages – no power interruption
- Silent & tough: Fanless, IP65-rated – indoor/outdoor use
- Safe & compliant: Full protection with arc fault and rapid shutdown support

**Smarter energy. Total peace of mind. Built for modern homes.**

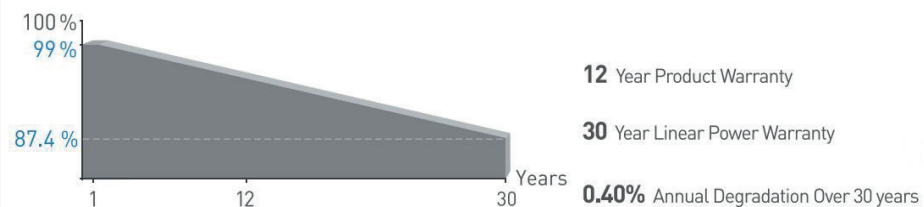


# 02 Bifacial Dual Glass Monocrystalline Module GCL-NT12R/66GDF 959-620W

## GCL Delivers Reliable Performance Over Time

- World-class manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- Rigorous quality control to meet the highest standard: ISO 9001, ISO 14001 and ISO 45001
- Tested for harsh environments (salt mist, ammonia corrosion and sand blowing test: IEC 61701, IEC 62716, DIN EN 60068-2-68)
- Long term reliability tests
- 2×100% EL inspection ensuring defect-free modules

### Linear Performance Warranty



\* Please refer to GCL standard warranty for details



Ideal choice for large scale ground installation



Non-destructive cutting, reduce potential micro crack risk



Sand blowing test, salt mist test and ammonia test passed to endure harsh environments



N type technology: The N-type module has better reliability and lower LID/LETID



Selected encapsulating material and stringent production process control ensure the product is highly PID resistant and snail trails free



Large size silicon wafer



595-620W

Bifacial Dual Glass Monocrystalline Module

620W

Maximum Power Output

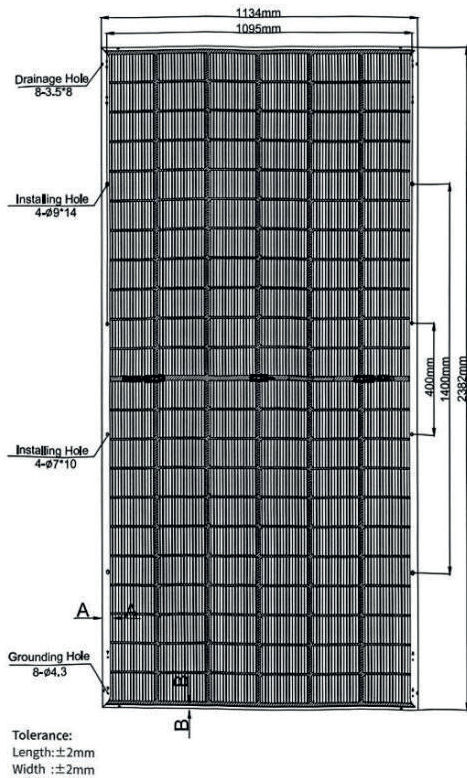
22.95%

Maximum Module Efficiency

0~+5W

Power Output Guarantee

## Module Dimension



## Electrical Specification (STC\*)

|                       |                      |       |       |       |       |       |       |
|-----------------------|----------------------|-------|-------|-------|-------|-------|-------|
| Maximum Power         | P <sub>max</sub> (W) | 595   | 600   | 605   | 610   | 615   | 620   |
| Maximum Power Voltage | V <sub>mp</sub> (V)  | 39.94 | 40.14 | 40.34 | 40.53 | 40.73 | 40.93 |
| Maximum Power Current | I <sub>mp</sub> (A)  | 14.90 | 14.95 | 15.00 | 15.05 | 15.10 | 15.15 |
| Open Circuit Voltage  | V <sub>oc</sub> (V)  | 47.65 | 47.80 | 47.95 | 48.10 | 48.25 | 48.40 |
| Short Circuit Current | I <sub>sc</sub> (A)  | 15.70 | 15.75 | 15.80 | 15.85 | 15.90 | 15.95 |
| Module Efficiency     | (%)                  | 22.03 | 22.21 | 22.40 | 22.58 | 22.77 | 22.95 |

\* Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass 1.5

## Electrical Specification (NOCT\*)

|                       |                      |       |       |       |       |       |       |
|-----------------------|----------------------|-------|-------|-------|-------|-------|-------|
| Maximum Power         | P <sub>max</sub> (W) | 447.5 | 451.0 | 454.4 | 457.8 | 461.3 | 464.8 |
| Maximum Power Voltage | V <sub>mp</sub> (V)  | 37.42 | 37.58 | 37.74 | 37.90 | 38.06 | 38.22 |
| Maximum Power Current | I <sub>mp</sub> (A)  | 11.96 | 12.00 | 12.04 | 12.08 | 12.12 | 12.16 |
| Open Circuit Voltage  | V <sub>oc</sub> (V)  | 44.88 | 45.02 | 45.16 | 45.30 | 45.44 | 45.58 |
| Short Circuit Current | I <sub>sc</sub> (A)  | 12.68 | 12.72 | 12.76 | 12.80 | 12.84 | 12.88 |

\* Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s

## Electrical characteristics with different power bin (reference to 10% Irradiance ratio)

|                       |                      |       |       |       |       |       |       |
|-----------------------|----------------------|-------|-------|-------|-------|-------|-------|
| Maximum Power         | P <sub>max</sub> (W) | 642.6 | 648.3 | 653.5 | 658.6 | 664.3 | 669.6 |
| Maximum Power Voltage | V <sub>mp</sub> (V)  | 39.94 | 40.14 | 40.34 | 40.53 | 40.73 | 40.93 |
| Maximum Power Current | I <sub>mp</sub> (A)  | 16.09 | 16.15 | 16.20 | 16.25 | 16.31 | 16.36 |
| Open Circuit Voltage  | V <sub>oc</sub> (V)  | 47.65 | 47.80 | 47.95 | 48.10 | 48.25 | 48.40 |
| Short Circuit Current | I <sub>sc</sub> (A)  | 16.96 | 17.01 | 17.06 | 17.12 | 17.17 | 17.23 |

## Mechanical Data

|                                 |                                                                     |
|---------------------------------|---------------------------------------------------------------------|
| Number of Cells                 | 132 Cells (6×22)                                                    |
| Dimensions of Module L*W*H (mm) | 2382×1134×30mm (93.78×44.65×1.18 inches)                            |
| Weight (kg)                     | 32.6 kg                                                             |
| Front Side Glass                | 2.0mm (0.08 inches), Heat strengthened glass                        |
| Back Side Glass                 | 2.0mm (0.08 inches), Heat strengthened glass                        |
| Frame                           | Anodized aluminium alloy                                            |
| Cable                           | 4.0mm <sup>2</sup> , Portrait: +300/-200mm Length can be customized |
| Number of diodes                | 3                                                                   |
| Wind/ Snow Load                 | 2400Pa/ 5400Pa*                                                     |
| Connector                       | MC Compatible                                                       |
| Bifaciality                     | 80±5%                                                               |

\* For more details please check the installation manual of GCLSI

## Temperature Ratings

|                                             |            |
|---------------------------------------------|------------|
| Nominal Operating Cell Temperature (NOCT)   | 45±2°C     |
| Temperature Coefficient of I <sub>sc</sub>  | +0.045%/°C |
| Temperature Coefficient of V <sub>oc</sub>  | -0.25%/°C  |
| Temperature Coefficient of P <sub>max</sub> | -0.29%/°C  |

## Packaging Configuration

|                          |            |
|--------------------------|------------|
| Module per box           | 36 pieces  |
| Module per 40' container | 720 pieces |

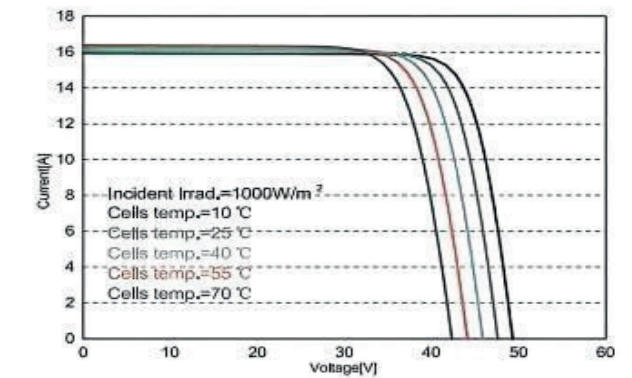
## Maximum Ratings

|                         |           |
|-------------------------|-----------|
| Operational Temperature | -40~+85°C |
| Maximum System Voltage  | 1500V DC  |
| Max Series Fuse Rating  | 35A       |

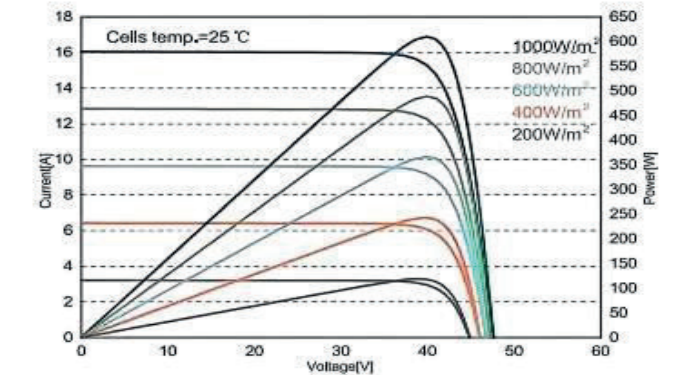
## Optional

|            |                                       |
|------------|---------------------------------------|
| Connector: | <input type="checkbox"/> Original MC4 |
|------------|---------------------------------------|

## I-V Curve at Different Temperature (620W)



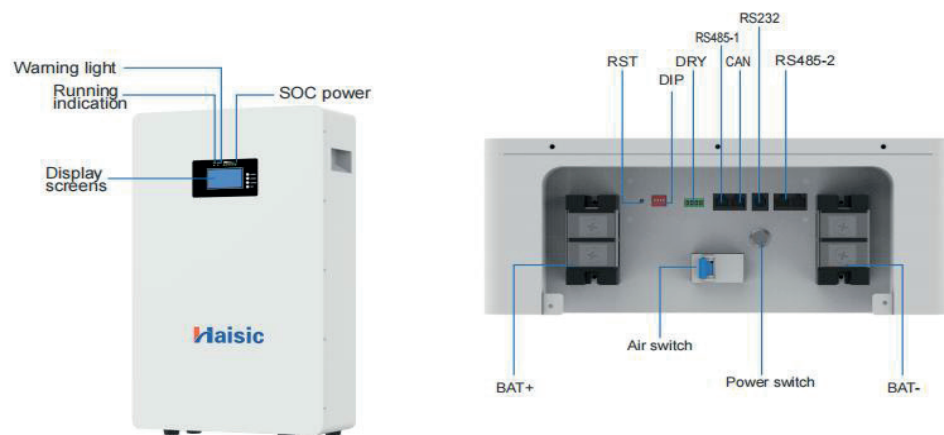
## I-V/P-V Curve at Different Irradiation (620W)



CAUTION: READ INSTALLATION MANUAL BEFORE USING THE PRODUCT

# 03 Rechargeable LITHIUM IRON PHOSPHATE(LiFePO4)Battery HS-BG51150

## Pic of Input & Output Port



### High cycle life

6000 cycles @80% DoD for effectively lower total of ownership cost.



### Quickly recharge

Save time and increase productivity with less down time thanks to superior charge/discharge efficiency.



### Longer service life

Low maintenance batteries with stable chemistry.



### Extreme heat tolerance

Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +60°C.



### Built in circuit protection

Battery Management System (BMS) is incorporated against abuse.



### Lightweight

Lithium batteries provide more Wh/Kg while also being up to 1/3 the weight of its SLA equivalent.



### Better storage

Up to 6 months thanks to its extremely low self discharge (LSD) rate and no risk of sulphation.



### Function

Support parallel operation



Rechargeable LITHIUM IRON PHOSPHATE(LiFePO4)Battery

## Specifications

| Model                            | HS-BS51150                           |
|----------------------------------|--------------------------------------|
| Basic Parameter                  |                                      |
| Rated Voltage (V)                | 51.2                                 |
| Rated Capacity (Ah)              | 150                                  |
| Rated Energy (Wh)                | 7680                                 |
| Operation Parameter              |                                      |
| Voltage Range (V)                | 44.8-56                              |
| Charge Voltage Range (V)         | 56-57.6                              |
| Cut-off Voltage (V)              | 44.8                                 |
| Recommend Charge Current (A)     | 50                                   |
| Max Charge Current (A)           | 100                                  |
| Max Discharge Current (A)        | 100                                  |
| Operation Parameter              |                                      |
| Dimension: L*W*H (mm)            | 400*228*672(Without base)            |
| Weight (kg)                      | 72                                   |
| Communication Port               | RS485、CAN                            |
| Display                          | LED+LCD                              |
| Terminal                         | Plug-in                              |
| Compatible inverter              | Growatt, Goodwe, Sol-Ark, SRNE, DEYE |
| Environment Parameter            |                                      |
| Enclosure Protection             | IP20                                 |
| Humidity (%)                     | 5-95% RH                             |
| Charge Temperature Range (°C)    | 0-45                                 |
| Discharge Temperature Range (°C) | -20-60                               |
| Storage Temperature Range (°C)   | -20-45                               |
| Service Life                     |                                      |
| Cycle Life                       | >6000 (0.5C@ 25°C, 80% DOD)          |
| Design Life (Year)               | 15                                   |
| Certification                    |                                      |
| Safety & Certification           | CE, EMC, UKCA                        |
| Transportation                   | UN38.3                               |

# 04 Single Phase Hybrid Storage Inverter 4-6 kW Plus Series

## AF5K-SLP



The Afore AF low voltage series storage Inverters are designed to increase energy independence for homeowners. The power range is from 4kW to 6kW, compatible with low voltage (40-60V) batteries.

Energy management is based on time-of-use and demand charge rate structures, which significantly reduce the amount of energy purchased from the public grid.

Thanks for the UPS function (switch time < 10ms), that enables the crucial loads power on during outages. Additionally, under the backup operation mode, the inverter provides you up to 150% peak output overloading.

The Afore energy storage inverter features Smart Electricity Pricing & Automation, an energy management tool based on real-time electricity pricing strategies. It continuously monitors electricity price fluctuations and dynamically adjusts device operation accordingly. Operating 24/7 fully automatically without the need for manual intervention, it helps users optimize their electricity usage and reduce energy costs.



**AI EMS**  
Electricity Pricing  
& Automation



**MAX. 120A**  
Max. Charge/  
Discharge Current 120A



**PV OVERSIZE**  
1.5 Times PV Oversize



**MPPT CHANNELS**  
Up to 2 MPPT Channels



**UPS FUNCTION**  
Switch Time < 10ms



**PARALLEL**  
Max.6 Parallel Stacking

Support for Time-of-use Optimization

Configurable Operation Modes

AFCI (Optional) & Rapid Shutdown Ready

The charging and discharging power of the battery is greater

Build in Anti-feed-in Function

Compact Size and Easy Installation

Smart Monitoring & Remote Firmware Upgrade

Off-grid mode, with a larger load capacity,  
the maximum load can be 6KVA

| Technical Data                        | AF4K-SLP    | AF4.6K-SLP  | AF5K-SLP                                                                                             | AF5.5K-SLP  | AF6K-SLP    |
|---------------------------------------|-------------|-------------|------------------------------------------------------------------------------------------------------|-------------|-------------|
| <b>PV Input</b>                       |             |             |                                                                                                      |             |             |
| Max. Input Power (kW)                 | 6           | 6.9         | 7.5                                                                                                  | 8.3         | 9           |
| Max. PV Voltage (V)                   |             |             | 550                                                                                                  |             |             |
| MPPT Range (V)                        |             |             | 80 - 500                                                                                             |             |             |
| Full MPPT Range (V)                   | 120 - 500   | 130 - 500   | 150 - 500                                                                                            | 160 - 500   | 170 - 500   |
| Normal Voltage (V)                    |             |             | 360                                                                                                  |             |             |
| Startup Voltage (V)                   |             |             | 100                                                                                                  |             |             |
| Max. Input Current (A)                |             |             | 18.5 x 2                                                                                             |             |             |
| Max. Short Current (A)                |             |             | 26 x 2                                                                                               |             |             |
| No. of MPP Tracker / No. of PV String |             |             | 2 / 2                                                                                                |             |             |
| <b>Battery Port</b>                   |             |             |                                                                                                      |             |             |
| Max. Charge/Discharge Power (kW)      | 4.0         | 4.6         | 5.0                                                                                                  | 5.5         | 6.0         |
| Max. Charge/Discharge Current (A)     |             |             | 120                                                                                                  |             |             |
| Battery Normal Voltage (V)            |             |             | 51.2                                                                                                 |             |             |
| Battery Voltage Range (V)             |             |             | 40 - 60                                                                                              |             |             |
| Battery Type                          |             |             | Li-ion / Lead-acid etc.                                                                              |             |             |
| <b>AC Grid</b>                        |             |             |                                                                                                      |             |             |
| Max Continuous Current (A)            | 19.0        | 22.0        | 23.0                                                                                                 | 26.0        | 28.0        |
| Max Continuous Power (kVA)            | 4.0         | 4.6         | 5.0                                                                                                  | 5.5         | 6.0         |
| Nominal Grid Current (A)              | 18.2 / 17.4 | 21.0 / 20.0 | 22.8 / 21.8                                                                                          | 25.0 / 24.0 | 27.3 / 26.1 |
| Nominal Grid Voltage (V)              |             |             | 198 to 242 @ 220 / 207 to 253 @ 230                                                                  |             |             |
| Nominal AC Frequency (Hz)             |             |             | 50 / 60                                                                                              |             |             |
| Power Factor                          |             |             | 1 default (adjustable from 0.8 leading to 0.8 lagging)                                               |             |             |
| Current THD (%)                       |             |             | < 3                                                                                                  |             |             |
| <b>AC Load Output</b>                 |             |             |                                                                                                      |             |             |
| Max Continuous Current (A)            | 19.0        | 22.0        | 23.0                                                                                                 | 26.0        | 28.0        |
| Max Continuous Power (kVA)            | 4.0         | 4.6         | 5.0                                                                                                  | 5.5         | 6.0         |
| Max Peak Current (A) (10min)          | 27.3 / 26.1 | 31.4 / 30   | 34.1 / 32.7                                                                                          | 37.8 / 36.1 | 41.0 / 39.2 |
| Max Peak Power (kVA) (10min)          | 6.0         | 6.9         | 7.5                                                                                                  | 8.3         | 9.0         |
| Nominal AC Voltage L-N (V)            |             |             | 220 / 230                                                                                            |             |             |
| Nominal AC Frequency (Hz)             |             |             | 50 / 60                                                                                              |             |             |
| Switching Time (ms)                   |             |             | Seamless                                                                                             |             |             |
| Voltage THD (%)                       |             |             | < 3                                                                                                  |             |             |
| <b>Efficiency</b>                     |             |             |                                                                                                      |             |             |
| CEC Efficiency (%)                    |             |             | 97.0                                                                                                 |             |             |
| Max. Efficiency (%)                   |             |             | 97.6                                                                                                 |             |             |
| PV to Bat. Efficiency (%)             |             |             | 98.1                                                                                                 |             |             |
| Bat. between AC Efficiency (%)        |             |             | 96.8                                                                                                 |             |             |
| <b>Protection</b>                     |             |             |                                                                                                      |             |             |
| PV Reverse Polarity Protection        |             |             | Yes                                                                                                  |             |             |
| Over Current/Voltage Protection       |             |             | Yes                                                                                                  |             |             |
| Anti-Islanding Protection             |             |             | Yes                                                                                                  |             |             |
| AC Short Circuit Protection           |             |             | Yes                                                                                                  |             |             |
| Residual Current Detection            |             |             | Yes                                                                                                  |             |             |
| Ground Fault Monitoring               |             |             | Yes                                                                                                  |             |             |
| Insulation Resistor Detection         |             |             | Yes                                                                                                  |             |             |
| PV Arc Detection                      |             |             | Yes                                                                                                  |             |             |
| Enclosure Protect Level               |             |             | IP65 / NEMA4X                                                                                        |             |             |
| AC/DC surge protection                |             |             | Type II                                                                                              |             |             |
| <b>General Data</b>                   |             |             |                                                                                                      |             |             |
| Dimensions (W x H x D, mm)            |             |             | 370 x 535 x 192                                                                                      |             |             |
| Weight (kg)                           |             |             | 20.5                                                                                                 |             |             |
| Topology                              |             |             | Transformerless                                                                                      |             |             |
| Cooling                               |             |             | Intelligent Fan                                                                                      |             |             |
| Relative Humidity                     |             |             | 0 - 100 %                                                                                            |             |             |
| Operating Temperature Range (°C)      |             |             | - 25 to 60                                                                                           |             |             |
| Operating Altitude (m)                |             |             | < 4000                                                                                               |             |             |
| Standby Consumption (W)               |             |             | < 10                                                                                                 |             |             |
| Mounting                              |             |             | Wall Bracket                                                                                         |             |             |
| Communication with RSD                |             |             | SUNSPEC                                                                                              |             |             |
| Display & Communication Interfaces    |             |             | LCD, LED, RS485, CAN, Wi-Fi, GPRS, 4G, Sunspec                                                       |             |             |
| Certification & Approvals             |             |             | NR5097, G99, EN50549-1, C10/C11, AS4777.2, VDE-AR-N4105, VDE0126, IEC62109-1, IEC62109-2, IEC62477-1 |             |             |
| EMC                                   |             |             | EN61000-6-2, EN61000-6-3                                                                             |             |             |

# 05 chargers

## T2 Portable EV Charger 16A



This product has exquisite appearance, small size, multi-function housing, ingenious anti-theft design and high integration, can be widely used in residential garage .

### CHARGING OPERATION STEPS

| Cable Length :         | Plug Type                                                                         |
|------------------------|-----------------------------------------------------------------------------------|
| 5m                     |  |
| Adjustable Current:    |                                                                                   |
| 8A/10A/13A/16A         |                                                                                   |
| Charging Cable Type:   |                                                                                   |
| TPU                    |                                                                                   |
| Controller Type:       | Red CEE                                                                           |
| LCD+Current Adjustable |                                                                                   |

### PRODUCT SPECS

|                       |                                          |
|-----------------------|------------------------------------------|
| Rated Current         | 8A/10A/13A/16A                           |
| Rated Power           | 11kw                                     |
| Input Voltage         | 350-480V AC                              |
| Output Voltage        | 350-480V AC                              |
| Service Life          | >10000 Times                             |
| Insulation Resistance | ≥500MQ(DC500V)                           |
| Operating Temperature | -40°C to +55°C                           |
| Storage Temperature   | -40°C to +80°C                           |
| Contact Pin           | Copper alloy,silver plating              |
| Plastic Fire Rating   | UL94 VO                                  |
| WithStand Voltage     | 1500V                                    |
| Contact Resistance    | 0.5mΩ MAX                                |
| Charging Cable Length | 5m                                       |
| Cable Material        | TPU                                      |
| Waterproof Level      | IP67 (Function Box )/IP55 (Vechile Plug) |

## T2 Portable EV Charger 32A



This product has exquisite appearance, small size, multi-function housing, ingenious anti-theft design and high integration, can be widely used in residential garage .

### CHARGING OPERATION STEPS

| Cable Length :                                  | Plug Type                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------|
| 5m                                              |  |
| Adjustable Current:                             |                                                                                     |
| 10/13/16/26/32 10/16/24/32 13/16/26/32 16/26/32 |                                                                                     |
| Charging Cable Type:                            |                                                                                     |
| IEC 62196-2                                     |                                                                                     |
| Controller Type:                                | Blue CEE                                                                            |
| LCD+Current Adjustable                          |                                                                                     |

### PRODUCT SPECS

|                       |                                          |             |             |          |
|-----------------------|------------------------------------------|-------------|-------------|----------|
| Rated Current         | 10/13/16/26/32                           | 10/16/24/32 | 13/16/26/32 | 16/26/32 |
| Rated Power           | 7kw                                      |             |             |          |
| Input Voltage         | 95-270V AC                               |             |             |          |
| Output Voltage        | 95-270V AC                               |             |             |          |
| Service Life          | >10000 Times                             |             |             |          |
| Insulation Resistance | ≥500MQ(DC500V)                           |             |             |          |
| Operating Temperature | -40°C to +55°C                           |             |             |          |
| Storage Temperature   | -40°C to +80°C                           |             |             |          |
| Contact Pin           | Copper alloy,silver plating              |             |             |          |
| Plastic Fire Rating   | UL94 VO                                  |             |             |          |
| WithStand Voltage     | 1500V                                    |             |             |          |
| Contact Resistance    | 0.5mΩ MAX                                |             |             |          |
| Charging Cable Length | 5m                                       |             |             |          |
| Cable Material        | TUV                                      |             |             |          |
| Waterproof Level      | IP67 (Function Box )/IP55 (Vechile Plug) |             |             |          |

## T2 Portable EV Charger 32A



This product has exquisite appearance, small size, multi-function housing, ingenious anti-theft design and high integration, can be widely used in residential garage .

### CHARGING OPERATION STEPS

| Cable Length :                  | Plug Type                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------|
| 5m                              |  |
| Adjustable Current:             |                                                                                     |
| 10A/16A/26A/32A 10A/16A/24A/32A |                                                                                     |
| Charging Cable Type:            |                                                                                     |
| TPU                             |                                                                                     |
| Controller Type:                | Red CEE                                                                             |
| LCD+Current Adjustable          |                                                                                     |

### PRODUCT SPECS

|                       |                                          |                 |
|-----------------------|------------------------------------------|-----------------|
| Rated Current         | 10A/16A/26A/32A                          | 10A/16A/24A/32A |
| Rated Power           | 11kw/22kw                                |                 |
| Input Voltage         | 350-480V AC                              |                 |
| Output Voltage        | 350-480V AC                              |                 |
| Service Life          | >10000 Times                             |                 |
| Insulation Resistance | ≥500MQ(DC500V)                           |                 |
| Operating Temperature | -40°C to +55°C                           |                 |
| Storage Temperature   | -40°C to +80°C                           |                 |
| Contact Pin           | Copper alloy,silver plating              |                 |
| Plastic Fire Rating   | UL94 VO                                  |                 |
| WithStand Voltage     | 1500V                                    |                 |
| Contact Resistance    | 0.5mΩ MAX                                |                 |
| Charging Cable Length | 5m                                       |                 |
| Cable Material        | TPU                                      |                 |
| Waterproof Level      | IP67 (Function Box )/IP55 (Vechile Plug) |                 |

## ■ EV Charging Station (AC Power)



This product has exquisite appearance, small size, multi-function housing, ingenious anti-theft design and high integration, can be widely used in residential garage .

### PRODUCT SPECS

|                       |                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Use case              | Home/Personal use                                                                                                                          |
| Product attributes    | Identification (swipe card/APP/plug and charge)                                                                                            |
| Product dimension     | 320*195*130mm                                                                                                                              |
| Installation          | column type                                                                                                                                |
| Gross Weight          | Weigh according to actual weight                                                                                                           |
| Cabling mode          | Down in and out                                                                                                                            |
| Cable Length          | 5m                                                                                                                                         |
| Functional design     | LED light bar/display screen                                                                                                               |
| Rated Voltage         | AC110V-220V±10V                                                                                                                            |
| Rated Voltage         | 350-480V AC                                                                                                                                |
| Frequency             | 50/60Hz                                                                                                                                    |
| Rated Power           | 7KW                                                                                                                                        |
| Maximum Curent        | 32A                                                                                                                                        |
| Applied environment   | indoor/outdoor                                                                                                                             |
| Ingress Protection    | IP65                                                                                                                                       |
| Impact Protection     | IK10                                                                                                                                       |
| Work Temperature      | -40°C~+65°C                                                                                                                                |
| Work Humidity         | 5% ~ 95% without any condensation                                                                                                          |
| Work Altitude         | ≤2000M                                                                                                                                     |
| Electrical Protection | Over current protection, Residual current protection, Ground protection,Over/<br>Under voltage protection,Over/High temperature protection |

## ■ EV Charging Station (AC Power)

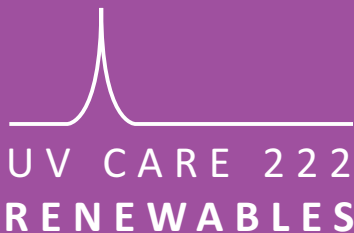
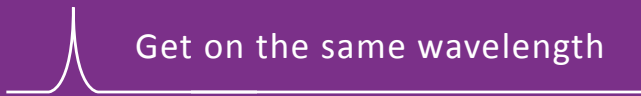


This product has exquisite appearance, small size, multi-function housing, ingenious anti-theft design and high integration, can be widely used in residential garage .

### PRODUCT SPECS

|                       |                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Use case              | Home/Personal use                                                                                                                          |
| Product attributes    | Identification (swipe card/APP/plug and charge)                                                                                            |
| Product dimension     | 320*195*130mm                                                                                                                              |
| Installation          | column type                                                                                                                                |
| Gross Weight          | Weigh according to actual weight                                                                                                           |
| Cabling mode          | Down in and out                                                                                                                            |
| Cable Length          | 5m                                                                                                                                         |
| Functional design     | LED light bar/display screen                                                                                                               |
| Rated Voltage         | AC110V-220V±10V                                                                                                                            |
| Rated Voltage         | 350-480V AC                                                                                                                                |
| Frequency             | 50/60Hz                                                                                                                                    |
| Rated Power           | 22KW                                                                                                                                       |
| Maximum Curent        | 32A3P                                                                                                                                      |
| Applied environment   | indoor/outdoor                                                                                                                             |
| Ingress Protection    | IP65                                                                                                                                       |
| Impact Protection     | IK10                                                                                                                                       |
| Work Temperature      | -40°C~+65°C                                                                                                                                |
| Work Humidity         | 5% ~ 95% without any condensation                                                                                                          |
| Work Altitude         | ≤2000M                                                                                                                                     |
| Electrical Protection | Over current protection, Residual current protection, Ground protection,Over/<br>Under voltage protection,Over/High temperature protection |

# Look into the future **Embrace Green Energy**



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