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ES-6548 SOLAX

SOLAR INVERTER / CHARGER



Home appliances



Entertainment



Monitoring Center



FEATURES

The ES-SOLAX series combines the functions of Inverter, battery charger in both AC and Solar to offer uninterrupted power support in a single device.

The integrated LCD display offers easy-to-access, user-configurable button operations such as battery charging current, AC or solar charging priority, and acceptable input voltage for different applications.

- Customizable status LED bar with RGB lights
- Touchable button with large 5" colored LCD
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Data log events stored in the inverter
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable high power charging current
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Built-in DC output for DC fan, LED bulb, router and so on
- Parallel operation with 6 units

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MODEL	ES-6548 SOLAX
Rated Power	6500VA/6500W
Parallel Capability	YES, 6 units
INPUT	
Voltage	120 VAC
Selectable Voltage Range	90-150 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	120 ±5%
Efficiency (Peak)	91%
Waveform	Pure sine wave
No Load Power Consumption	< 70W
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
Battery Type	It can work with Lead Acid, GEL, NANO LEAD CARBON and LITHIUM batteries
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	8000W (4000W x 2)
MPPT Range @ Operating Voltage	90 ~ 230 VDC
Maximum PV Array Open Circuit Voltage	250 VDC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	120A
Maximum Charge Current	120A
PHYSICAL	
Dimension, D x W x H (mm)	158.4 x 503.6 x 530.8
Net Weight (kgs)	20
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 40°C
Storage Temperature	-15°C to 60°C
STANDARD	
Compliance Safety	CE

Product specifications are subject to change without further notice.

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