

Solis S5 12 three phase inverter



Product code: F2SOL-S5-GR3P12K
Brand: Array
Category: Solar power plants > Photovoltaic inverters

PRICE : €1,182.99

About the product

Manufacturer:
Country of origin:
Height, mm: 563
Width, mm: 310
Depth, mm: 219
Efficiency: 98
Electr. power (W) to: 12000
Item type:
Warranty, year: 5

Description

Features of Solis S5 12kW inverter:

- EU efficiency up to 98%
- Wide voltage range and low starting voltage limit
- Smart management
- Multiple levels of protection
- Easy to install and maintain

Technical specifications:

- Maximum generated solar power: 18 kW
- Maximum input voltage: 1100V
- Nominal voltage: 600V
- Starting voltage: 180V
- MPPT ring voltage range: 160 - 1000 V
- Maximum input current: 32 A / 32 A
- Maximum short-circuit current: 50 A / 50 A
- Number of MPPT rings: 2
- Rated output power: 12 kW
- Maximum conditional output power: 13,2 kVA
- Maximum output power: 13,2 kW
- Rated voltage of the power network: 3/N/PE, 220V/380V / 230V/400V
- Nominal frequency of the power network: 50 Hz / 60 Hz
- Rated current of the power network: 18,2 A/17,3 A
- Maximum rated current of the power network: 19,1 A
- Maximum efficiency (EU): 98 %
- DC current polarity reversal protection: Yes
- Short circuit protection: Yes
- Output overcurrent protection: Yes
- Network monitoring: Yes
- Temperature protection: Yes
- Integrated DC switch: Yes
- Topology: Without transformers
- Power consumption of the device: < 1 W
- Device operating temperature: -25 - +60 °C
- Humidity range of device operation: 0 - 100%
- Protection class: IP66
- Cooling: Natural convection
- Safety standards: IEC 62109-1/-2, IEC62116, EN 61000-6-1/-2/-3/-4
- DC interface: MC4
- AC interface: Terminal interface
- Screen: LCD
- Information transmission: RS485; Wifi/GPRS as additional function