

10 kW Solar power plant set, roof covering - slate



Product code: F6VLP-SE-SIFERIS10KW

Category: Solar power plants > Solar power plant kits

PRICE : €3,320.70

About the product

Description

The solar power plant set with 10kW three-phase inverter Solis, Jinko Solar modules and elements for attaching them to the pitched roof.

The set includes 24 solar modules, Solis inverter, its communication adapter and fixings suitable for a slate roof. 10-year warranty for the inverter for good measure.

The price does not include additional materials used in the installation and commissioning of the power plant, grounding, certified installer/starter's declaration and other necessary documents for connecting the power plant to the power grid.

The specificities of solar modules Jinko Tiger Neo N-Type 420W:

- Monocrystalline solar module Jinko Tiger N-Type Mono Facial 54HC
- N-type monotechnology
- Positive power tolerance 0~+3%
- Multi-trunk chamber
- High efficiency reaching 21.51%.
- 15-year product warranty.
- 30-year efficiency guarantee, which guarantees that after 30 years the module will work with at least 87.4% efficiency.
- Size of the module: 1722*1134*30 mm
- Weight of the module: 22.0 kg.
- Module frame in anodized aluminum.
- Module protection class IP68
- Connecting cables: TUV 1*4.0 mm2, (+) 400 mm; (-) 200 mm

Features of Solis S5 10kW inverter:

- EU efficiency up to 97.9%
- 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: 15 kW
- Maximum input voltage: 1100V
- Nominal voltage: 600V
- Starting voltage: 180V
- MPPT ring voltage range: 160 - 1000 V
- Maximum input current: 16 A / 16 A
- Maximum short-circuit current: 25 A / 25 A
- Number of MPPT rings: 2
- Rated output power: 10 kW
- Maximum conditional output power: 11 kVA
- Maximum output power: 11 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: 15,2 A/14,4 A
- Maximum rated current of the power network: 15,9 A
- Maximum efficiency (EU): 97.9 %
- 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