



10kw On Grid Pv Inverter

10kw on Grid Pv Inverter: ISOLAR INVERTER is a Chinese high-tech enterprise specializing in the research and development and production of power supply and energy products. Through years of accumulation and development, it has a certain market share in overseas markets, covering most of the European and South American markets. Independent modern R & D production base, advanced production equipment, and a group of

first-class R & D engineers.ISOLAR INVERTER whose products are of high quality and best price, looks forward to becoming your long-term partners in China.

Product Description

10kw on Grid Pv Inverter Reliable operation under different light intensity, internal program ensures maximum power output generated by PV modules. ISOLAR INVERTER has a good self-protection function based on software and hardware, including AC and DC over-current, over-voltage, under-voltage protection. Power grid frequency abnormal and inverter over-temperature protection, INVERTER ISOLAR to provide a reliable guarantee for your investment.

10kw on Grid Pv Inverter : It as a solar on-grid Inverter applied to PV system. In a on-grid PV power generation system, this inverter makes maximum power output of solar panels,and the output energy is converted and sent to the power grid.

Product Parameter (Specification) of 10kw on Grid Pv Inverter

Parameters	
MaximumPV input power	11000W
MPPT voltage range	250V~800V
Maximum PV input voltage	900V
Maximum PV input current	20A/20A
MPPT work voltage	650V
MPPT Tracking number/Number of access group strings per link	2/2 2/3
Rated output voltage	10000W
Maximum output power	11KVA
Maximum output current	16A

Rated grid voltage	400Vac
Grid voltage range	310Vac~450Vac
Rated grid frequency	50Hz/60Hz
Grid frequency range	47Hz~51.5Hz/57Hz~61.5Hz
THD	<2.5%(Rated power)
DC current component	<0.5%(Rated power)
Efficiency	97.3%
Humidity range	0~95%, non-condensing
Heat dissipation	Air cooling
Work temperature range	-25°C~+60°C
Night Power	<1W
Maximum allowable altitude	4000 metres (derated if exceeding 2000 metres)
Protection grade	IP65
Communication interface	RS485/CAN/ Ethernet /USB(Optional)
Interface	4.3 "color LCD screen, 2 LED indicators, touch buttons
Standard	
On-grid Standards	VDE0126-1-1 AS4777.2/3
Installation standards	IEC62109-1/2 EN50178
IEC	IEC 61000-6-1/3

10kw On Grid Pv Inverter Product Feature And Application

- 1.High degree of intelligence: Adopt advanced IGPT power module.
- 2.High reliability: high efficiency conversion rate, advanced Maximum Power Point Tracking(MPPT) technology, perfect system protection function, advanced modular design, safe and reliable.
- 3.Easy to operate and use: Editable protection and operation parameters.
- 4.Display 、 alarm function perfect: Large screen LCD Chinese characters display, friendly

and rich interface, multi-language LCD display design.

5.High efficiency and power: High efficiency index within a wide functional range.

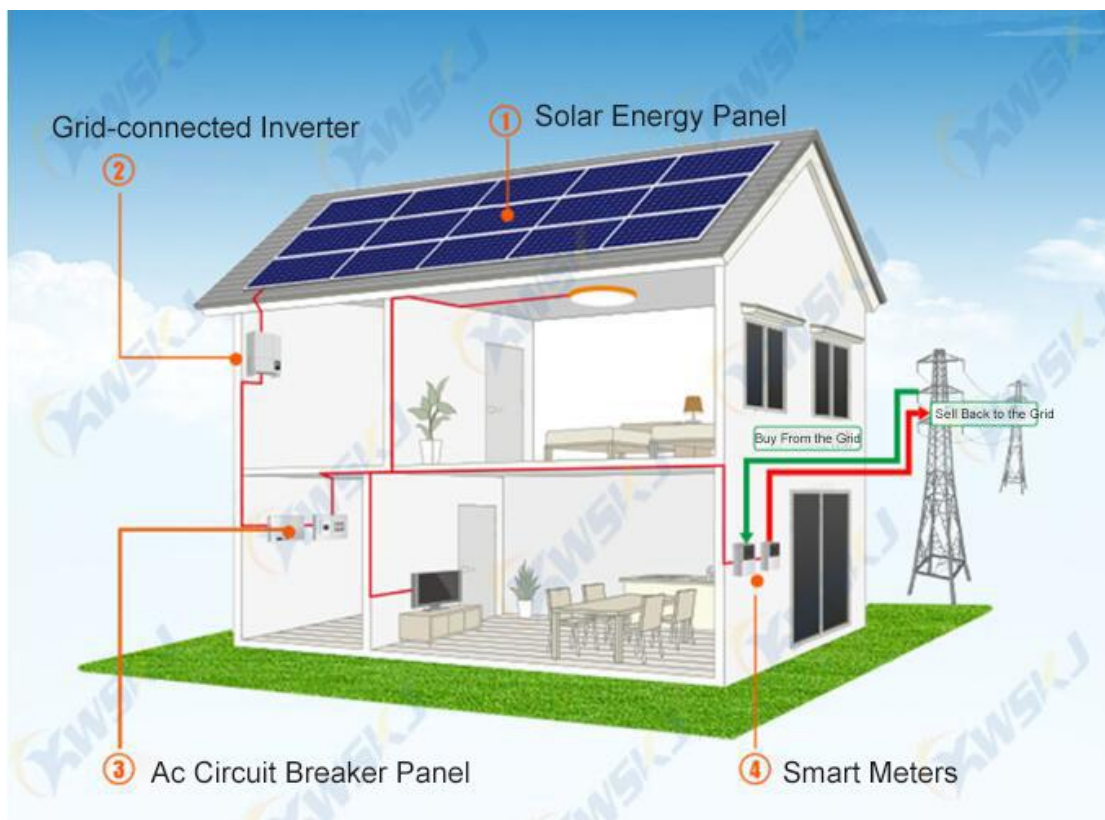
6.Simple installation, operation and maintenance.

Product Details

The working principle of the inverter: the electric energy generated by the photovoltaic modules first passes through the DC filter to suppress the high-frequency signal conduction interference, and the electrolytic capacitor stores energy to keep the DC voltage stable. The three-phase full-bridge inverter unit converts the DC power to the same frequency as the power grid. , The AC power of the same phase is filtered by a filter to generate a sine wave AC power, and after being electrically isolated by an isolation transformer, the power is fed to the power grid after the AC filter suppresses the conduction interference of high-frequency signals.



The Best Solar Panels for Portable Solar Generators



The PV on-grid power generation system consists of PV modules, PV combiner boxes, PV on-grid inverters, metering device and power distribution system. The energy of solar energy is converted into DC power through PV modules, and then the DC power is converted into sine wave AC power with the same frequency and phase of the grid through the on-grid inverter power supply and input to the grid.

It can work with solar panels as a complete PV system, using sunlight to generate electricity, saving you a lot of electricity bills, [10kw on Grid Pv Inverter](#), this series of solar inverter systems are widely used in homes, farms, schools, shops Wait, is your good choice.