

SOLAR Inverters

Off-Gid Single Phase 11KVA

Powerful Off-Gid Single Phase inverter equipped with a 150A MPPT solar charger, a newly upgraded 5-inch color LCD and a touch LCD display button. It can also access data, record and store locally to track and log the inverter's operating status. Connect to any power source and configure the AC/PV output usage timer and prioritization. Create your own ambiance with the RGB lighting selector and 3 lighting effects.



WiFi
Connect to your network. Get notifications, change parameters and monitor performance live.



LCD
Bright and clear indications. big 4.3 inch touch screen. Tap to change views, access menu and configurations.

RGB Light indicators with 3 lighting effects



Cycling
Quickly scrolls in a continuous circular motion



Wheel
Illuminates with twinkling lights



Chasing
Radiates upwards from the bottom of the ring

GENERAL SPECIFICATIONS

- Customizable status LED ring with RGB colors
- Touch button with large 5" color LCD display
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Datalog events stored in the inverter
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan
- 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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11KVA



MODEL	INV1110 FS
Rated Power	11000VA/11000W
Parallel Capability	Yes. 6 units
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5%
Surge Power	22000VA
Efficiency (Peak)	93%
Transfer Time	15 ms (For Personal Computers), 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	<75W
DC Voltage	12 VDC \pm 5%, 100W
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	11000W (5500W x 2)
MPP Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Solar Charge Current	150A
Maximum AC Charge Current	150A
Maximum Charge Current	150A
PHYSICAL	
Dimensions 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 50°C
Storage Temperature	-15°C to 60°C
STANDARD	
Safety Compliance	CE

Product specifications are subject to change without further notice.