

Features:

- Status indication with RGB lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS Apps are available)
- Supports USB On-the-Go function
- Reserved communication port for BMS
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable high-power charging current
- Compatible to Utility mains or generator input
- Dual outputs selected as either programmable output or generator input

SOL-I-AX-11M



Apert MAX

Off-Grid Inverter

Inverter Specs	
Rated Power	11 000VA / 11 000W
Parallel Capability	Yes, 6 units. Parallel card included
Input	
Voltage	230V AC
Selectable Voltage Range	170-280V AC (For Personal Computers) 90-280V AC (For Home Appliances)
Frequency Range	50Hz / 60Hz (Auto sensing)
Output	
AC Voltage Regulation (Line & Batt Mode)	230V AC $\pm 5\%$
Surge Power	22 000VA
Efficiency (Peak)	93%
Transfer Time	10ms (For Personal Computers); 20ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	<70W
Dual Outputs	Yes
Battery	
Battery Voltage	48V DC
Floating Charge Voltage	54V DC
Overcharge Protection	63V DC
Solar Charger & AC Charger	
Solar Charge Type	MPPT
Maximum PV Array Power	11 000W
Number of MPPTs	2 X 5 500W
MPPT Range @ Operating Voltage	90-450V DC
Maximum PV Array Open Circuit Voltage	500V DC
Maximum Solar Charge Current	150A
Maximum AC Charge Current	150A
Maximum Charge Current	150A
Physical	
Dimensions D X W X H (mm)	147.4 X 432.5 X 553.6
Net Weight (kgs)	18.4kg
Communication Interface	RS232, USB, Dry Contact, Wi-Fi, RS485
Environment	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Product specifications are subject to change without further notice.

CONTACT DETAILS

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