

**Features:**

- Customizable status LED bar with RGB light
- 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 function
- Configurable AC/PV output usage timer and prioritization
- Selectable high-power charging current
- Compatible to Utility mains or generator input

**SOL-I-AX-8M**

**Apert MAX**
**Off-Grid Inverter**

Inverter Specs	
<b>Rated Power</b>	8 000VA / 8 000W
<b>Parallel Capability</b>	Yes, 6 units. Parallel card included
<b>Input</b>	
<b>Voltage</b>	230V AC
<b>Selectable Voltage Range</b>	170-280V AC (For Personal Computers) 90-280V AC (For Home Appliances)
<b>Frequency Range</b>	50Hz / 60Hz (Auto sensing)
<b>Output</b>	
<b>AC Voltage Regulation (Line &amp; Batt Mode)</b>	230V AC ±5%
<b>Surge Power</b>	16 000VA
<b>Efficiency (Peak)</b>	90% ~93%
<b>Transfer Time</b>	15ms (For Personal Computers); 20ms (For Home Appliances)
<b>Waveform</b>	Pure sine wave
<b>No Load Power Consumption</b>	<70W
<b>Battery</b>	
<b>Battery Voltage</b>	48V DC
<b>Floating Charge Voltage</b>	54V DC
<b>Overcharge Protection</b>	66V DC
<b>Solar Charger &amp; AC Charger</b>	
<b>Solar Charge Type</b>	MPPT
<b>Maximum PV Array Power</b>	8 000W
<b>Number of MPPTs</b>	2 X 4 000W
<b>MPPT Range @ Operating Voltage</b>	90-430V DC
<b>Maximum PV Array Open Circuit Voltage</b>	500V DC
<b>Maximum Solar Charge Current</b>	120A
<b>Maximum AC Charge Current</b>	120A
<b>Maximum Charge Current</b>	120A
<b>Physical</b>	
<b>Dimensions D X W X H (mm)</b>	147.4 X 432.5 X 553.6
<b>Net Weight (kgs)</b>	18.4kg
<b>Communication Interface</b>	RS232, USB, Dry Contact, Wi-Fi, RS485
<b>Environment</b>	
<b>Humidity</b>	5% to 95% Relative Humidity (Non-condensing)
<b>Operating Temperature</b>	-10°C to 50°C
<b>Storage Temperature</b>	-15°C to 60°C

Product specifications are subject to change without further notice.

**CONTACT DETAILS**

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