

Features:

- Pure sine wave MPPT solar inverter
- Customizable status LED ring with RGB lights
- Touchable button with 4.3" coloured LCD
- Wide DC input range
- Supports USB On-the-Go function
- Data log events stored in the inverter
- Built-in Wi-Fi for mobile monitoring (App is available)
- Reserved communication port for BMS

SOL-I-AX-5M4



Apert MKS IV
Off-Grid Inverter

Inverter Specs	
Rated Power	5 600VA / 5 600W
Parallel Capability	Yes, 9 units
Input	
Voltage	230V AC
Selectable Voltage Range	110-280V 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 ±5%
Overload capacity	5s@≥150% load; 10s@110%-150% load; 100ms@≥200% load
Efficiency (Peak)	93%
Transfer time	10ms (For Personal Computers); 20ms (For Home Appliances)
Waveform	Pure sine wave
Dual Outputs	Yes
Battery	
Battery Voltage	48V DC
Floating Charge Voltage	54V DC
Overcharge Protection	66V DC
Solar Charger & AC Charger	
Solar Charge Type	MPPT
Maximum PV Array Power	6 000W
Number of MPPTs	1
MPPT Range @ Operating Voltage	120 -430V DC
Maximum PV Array Open Circuit Voltage	450V DC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	120A
Physical	
Dimensions D X W X H (mm)	140 X 295 X 468
Net Weight (kgs)	12kg
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

08:00 – 17:00 Monday to Friday
Saturday and Sunday – Closed
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