

RCT

- Customizable status LED bar with RGB lights
- Built-in WiFi for mobile monitoring (Android/iOS Apps are available)
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Replaceable fan design for ease of maintenance
- Battery independent function
- Enhanced AC/Solar charger to 120A
- Built-in anti-dust kit
- Parallel operation up to 6 units



Inverter / Charger

MODEL	SOL-I-AXMAX-8K48V
Rated Power	8000VA/8000W
Parallel Capability	Up to 6 units
INPUT	
Voltage	230 VAC
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	230 VAC \pm 5%
Surge Power	16000VA
Efficiency (Peak)	90 ~ 93 %
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	< 70W
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 Open Circuit Voltage	500VDC
Maximum PV Array Power	8000 W (4000 W x 2)
MPP Range @ Operating Voltage	90~450VDC
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	120 A
Maximum Charge Current	120 A
PHYSICAL	
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6
Net Weight (kgs)	18.4
Communication Interface	USB/RS232/RS485/WIFI/Dry Contact
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