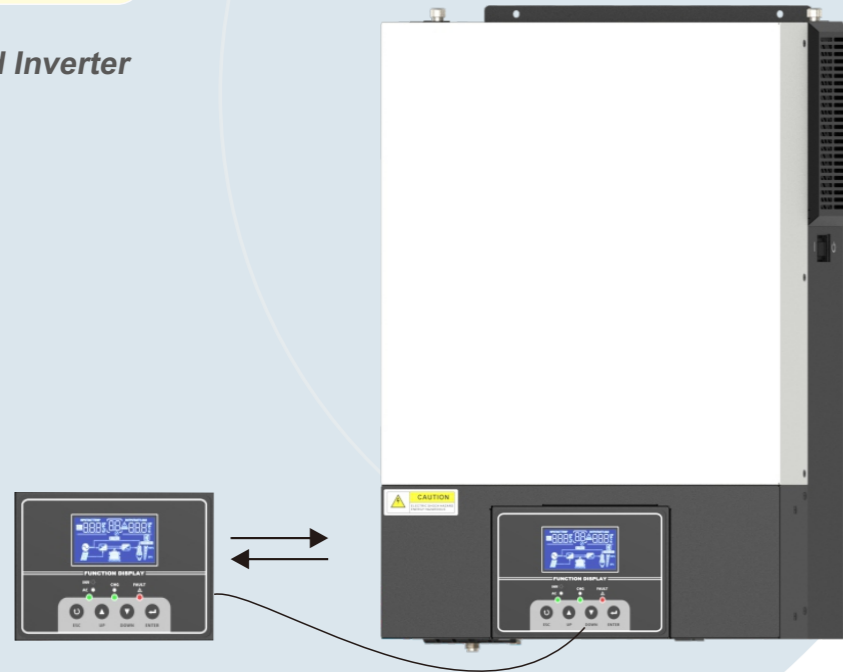


HYBRID SOLAR INVERTER

SC MAX 8K

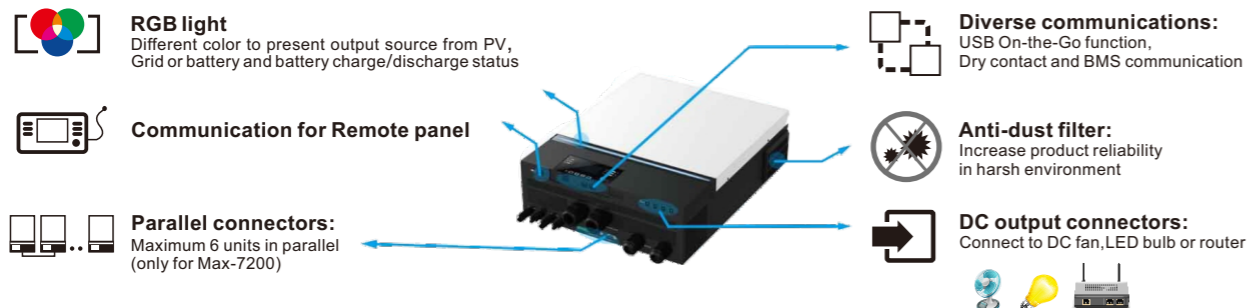
Off Grid Inverter



Product Features

- Pure Sine wave solar inverter with output power factor 1.0
- PV Input Power Max 8000 W (2 tracker each 4000W)
- High PV input voltage range 120-450 VDC
- Built-in integrated MPPT module 120A
- Battery independent design
- Built-in anti-dust kit
- Built-in wifi for mobile monitoring (Android/iOS Apps available), removable LCD.
- Parallel operation up to 6 units

System connection



Technical Specification

Model	SC-MAX 8K-48
Rated Power	8000VA / 8000W
Parallel Capability	Yes, 6 units
INPUT	
Voltage	230VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers); 90-280 VAC (For Home Appliances)
Frequency Range	50/60Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC±5%
Surge Power	16000VA
Efficiency(Peak)	93%
Transfer Time	15ms (For Personal Computers); 20ms(For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	<70W
DC Voltage	12VDC±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	8000W (4000WX2)
MPPT Range @ Operating Voltage	90~450VDC
Maximum PV Array Open Circuit Voltage	500VDC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	120A
Maximum Charge Current	120A
PHYSICAL	
Dimension(LxWxH) mm	147.4x432.5x553.6
Net Weight(kgs)	18.4
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
ENVIROMENT	
Humidity	5-95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
STANDARD	
Compliance Safety	CE

Product specifications are subject to change without further notice.

