

- Pure sine wave MPPT solar Inverter
- Customizable status LED ring with RGB lights
- Touchable button with large 4.3" colored LCD
- Wide DC input range
- Built-in Wi-Fi for mobile monitoring (Android/iOS App available)
- Reserved communication port for BMS
- Battery independent function
- Parallel operation with up to 9 units
- Dual AC output for smart load management



Specifications

MODEL	IC4-KMS6000-48
Rated Power	6000VA/6000W
INPUT	
Voltage	230 VAC
Selectable 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 (Batt. Mode)	230VAC \pm 5%
Overload capacity	5s@ \geq 150% load; 10s@ 110%~150% load; 100ms @ \geq 200% load
Efficiency (Peak)	90%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
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	6000W
MPPT Range @ Operating Voltage	120 ~ 430 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	120A
PHYSICAL	
Dimension, D X W X H (mm)	140 x 295 x 468
Net Weight (kgs)	12.0
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10 $^{\circ}$ C to 50 $^{\circ}$ C
Storage Temperature	-15 $^{\circ}$ C to 60 $^{\circ}$ C

* Product specifications are subject to change without further notice