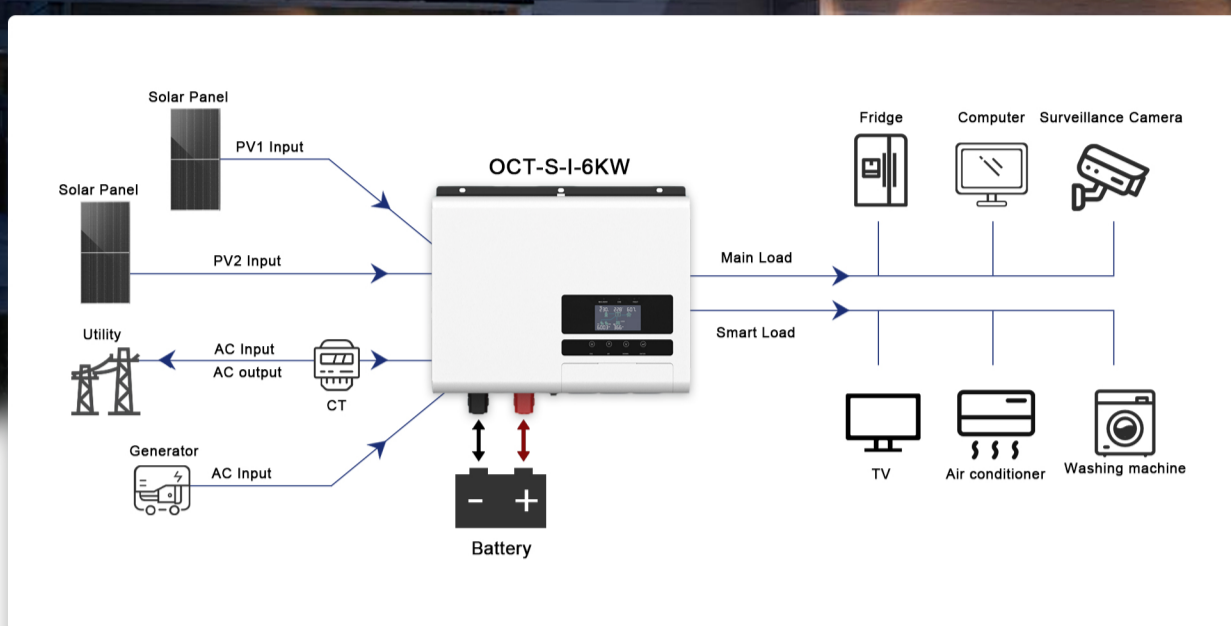


Hybrid Solar Inverter

OCT-S-I-6KW

- Dual outputs for smart load management
- Rated power at 6KW, power factor 1.0
- Max Inverter Efficiency 96.5%
- No-Load Loss \leq 45w
- Parallel Operation up to 9 units
- 2 strings of MPPT
- Max PV array power 9000 watt
- 65V-450V wide-range PV input operating voltage
- The built-in ATS can automatically switch between generator power and mains power input
- The working duration of the generator and the charging current can be set



Modle	OCT-S-I-6KW
AC Output(Off Grid)	
Rated Power	6KW/6KVA
Surge Power	12KW/12KVA
Parallel Option	9Pcs
AC Output Voltage	208/220/230/240Vac(Settable)
Rated AC Output Frequency	50Hz / 60Hz (Auto detection)
Max Bypass Output Current	40A
AC Output Interface	Load+Smart Load
Max Inverter Efficiency	96.5%
Transfer Time	<20ms@Single, <30ms @ Parallel
Output Waveform	Pure Sine Wave
Power Factor	1
No-Load Loss	<45W@Rate Voltage
AC Output (On Grid)	
Rated Power	6KW/6KVA
Power Factor	0.8 leading to 0.8 lagging
Rated Voltage	230Vac
Rated Grid Frequency	50Hz
Max Output Current	27A
THD	< 5%
PV Input	
Type Of PV Array Input Terminal	Screw-type terminal block
Number Of MPPT Trackers	2
Max PV Input Power	4500W*2
Max PV Array Open Circuit Voltage	500Vdc
Rated Input Voltage Of Photovoltaic System	350Vdc
Max PV Input Current	18.5A*2
Startup Voltage	100Vdc \pm 10Vdc
MPPT Voltage Range	65Vdc-450Vdc
Battery	
Compatible Battery Types	Lead-acid、Lithium battery
Rated Battery Voltage	48Vdc
Battery Voltage Range	38.4Vdc-60Vdc
Minimum Cold Start Battery Voltage	46Vdc
Battery Overcharge Protection Voltage	60Vdc
Max Solar Charging Current	100A
Max AC Charging Current	80A
Max Charging Current(PV+AC)	100A
Max Charging Power	5840W
MPPT Charging Efficiency	99.9%
Activate The Lithium Battery Function	PV+AC
Protection	
Over Current/Voltage Protection	Yes
Anti-islanding Protection	Yes
AC Short-Circuit Current Protection	Yes
Leakage Current Protection	Yes
Ground Fault Monitoring	Yes
Grid Monitoring	Yes
DC surge protection OVC II	Yes
AC surge protection OVC III	Yes
Mechanical Specifications	
Inverter Dimensions	395*320*130mm
Packing Measurements	475*440*205mm
Net Weight	10KG
Gross Weight	11KG
Communication Interface	USB / CAN / RS485 / CT
Monitoring Option	WiFi Module
Quality Guarantee	3 Years
Environment	
Protection Degree	IP20
Humidity	5%~95% relative humidity (non-condensing)
Altitude	<2000 Meters
Operating Temperature	-10°C~50°C
Storage Temperature	-15°C~60°C
Noise	<60dB
Type Of Cooling	Fan
Certificate	CE, Compliant with NRS097/EN50549 -1/ EN50549-10 and other certification standards