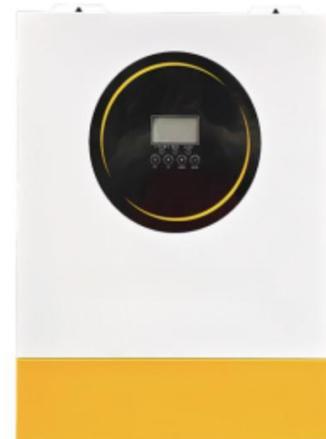


Parameters

TECHNICAL INDEX	Parameter	TECHNICAL INDEX	Parameter
SOLAR CHARGER&AC CHARGER		Battery	
Solar Charger Type	MPPT	Battery Voltage	48VDC
Max.PV Array Power	5000W*2	Floating Charge Voltage	54VDC
Max.PV Array Open Circuit Voltage	500VDC	OverCharge Protection	63VDC
PV Array MPPT Voltage Range	60VDC-500VDC	Nominal Energy	15.36kWh
Max.SolarInput Current	18A*2	Lithium Battery Activation	YES(By PV)
Max.Solar Charge Current	140A	Lithim batteryCommunication	CAN, RS485, RS232(PC)
Max.AC Charge Current	120A	Cycle Life	6000cycle life (25±5℃, 0.25C, 80%DOD)
Max.Charge Current(PV+AC)	140A	Protection	Overcharge, over-discharge, over-current, overheating, short-circuit
AC input			
Nominal Voltage		Frequency	50/60Hz(Auto sensing)
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)		
OUTPUT			
Capacity	8.5KVA/8.5KW	Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Nominal Voltage	220/230VAC±5%	Overload Protection	5s@ >=140% load;10s@ 110%~140% load
Surge Power	17000VA	Admissible Power Factor	0.6~1(inductive or capacitive)
Frequency	50Hz/60Hz	Peak Efficiency(PV to INV)	96%
Waveform	Pure Sine wave	Peak Efficiency(Battery to INV)	93%
Basic parameters			
OperatingTemperature Range	(-10℃to50℃)	Protection grade	IP20
Storage Temperature	(-15℃to50℃)	Authentication	CCE, RoHS, FCC, Reach, UL, UN38.3,MSDS, ISO
Humidity	5%to95%(Non-condensing)	Communication	RS232+RS485
Cooling method	Cooling method	Warranty	5 years (free) 10 years (paid)
Installation method	Wall mounted/floor standing	Maximum efficiency	93%



Scenarios



Household



Surface power station



Marine power generation



Base station