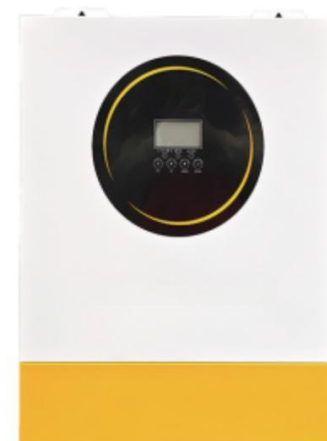


Parameters

TECHNICAL INDEX	Parameter	TECHNICAL INDEX	Parameter
SOLAR CHARGER&AC CHARGER		Battery	
Solar Charger Type	MPPT	Battery Voltage	24VDC
Max.PV Array Power	4000W	Floating Charge Voltage	27VDC
Max.PV Array Open Circuit Voltage	500VDC	OverCharge Protection	33VDC
PV Array MPPT Voltage Range	60VDC-500VDC	Nominal Energy	5.12kWh
Max.SolarInput Current	15A	Lithium Battery Activation	YES(By PV)
Max.Solar Charge Current	100A	Lithim batteryCommunication	CAN, RS485, RS232(PC)
Max.AC Charge Current	80A	Cycle Life	6000cycle life (25±5℃, 0.25C, 80%DOD)
Max.Charge Current(PV+AC)	100A	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	3.5KVA/3.5KW	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	7000VA	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