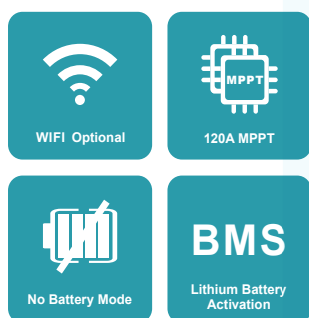




Model: SE6200-48L

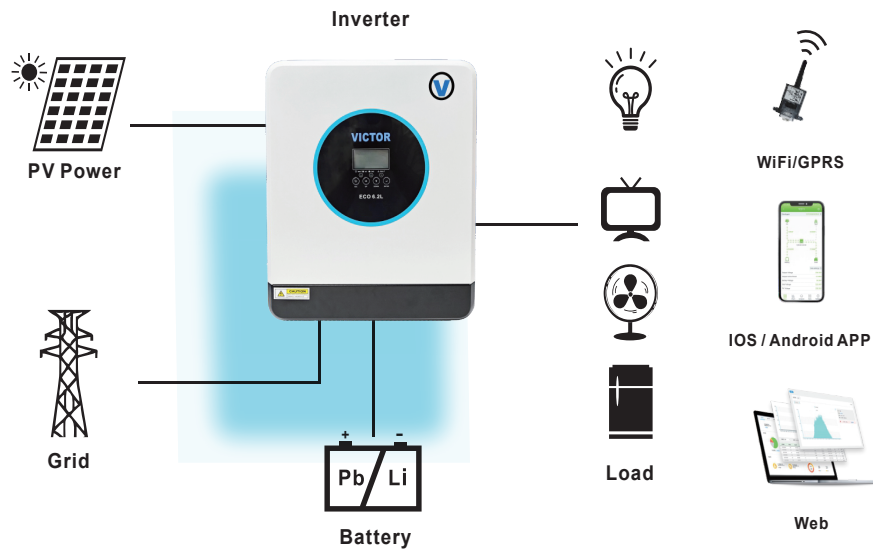
SOLAR INVERTER

6.2KW 48V 220V / 230Vac Output

Features

- ◆ Lithium battery activation function by PV or Utility
- ◆ Compatible work with lifepo4 battery via Rs485
- ◆ Pure sine wave
- ◆ Power factor 1.0
- ◆ PV input Voltage 60Vdc-500Vdc
- ◆ Built-in MPPT 120A
- ◆ Capable to work without battery
- ◆ Detachable dust cover for harsh environment
- ◆ WiFi remote monitoring optional
- ◆ EQ function to optimize battery performance and extend lifecycle

System Diagram



Technical Data

MODEL	SE6200-48L
Capacity	6.2KVA/6.2KW
Parallel Capability	NO
Lithium Battery activation	YES (By PV or Utility)
Lithium Battery communication	YES(RS485)
Built-in WIFI	Optional
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60 Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	12400VA
Frequency	50/60Hz
Waveform	Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)
Peak Efficiency(PV to INV)	96%
Peak Efficiency(Battery to INV)	93%
Overload Protection	5s@ >= 140% load; 10s@ 110%~140% load
Crest Factor	3:1
Admissible Power Factor	0.6~1 (inductive or capacitive)
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
OverCharge Protection	63VDC
Charging Method	CC / CV
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Max.PV Array Power	6500W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max.Solar Input Current	27A
Max.Solar Charge Current	120A
Max.AC Charge Current	80A
Max.Charge Current (PV+AC)	120A
PHYSICAL	
Dimensions,DxW x H(mm)	454*354*128
Package Dimensions,DxW x H(mm)	573*429*213
Net Weight(Kg)	9.55
Communication Interface	RS232+RS485
ENVIRONMENT	
Operating Temperature Range	(-10 to 55)
Storage Temperature	(-15 ~ 60)
Humidity	5% to 95% Relative Humidity (Non-condensing)
Ingress Protection	IP21

Product specifications are subject to change without further notice.