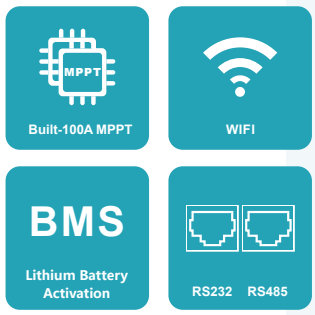
VICTOR





Model :SE5500-48L

SOLAR INVERTER

5.5KW 48V 220V / 230Vac Output

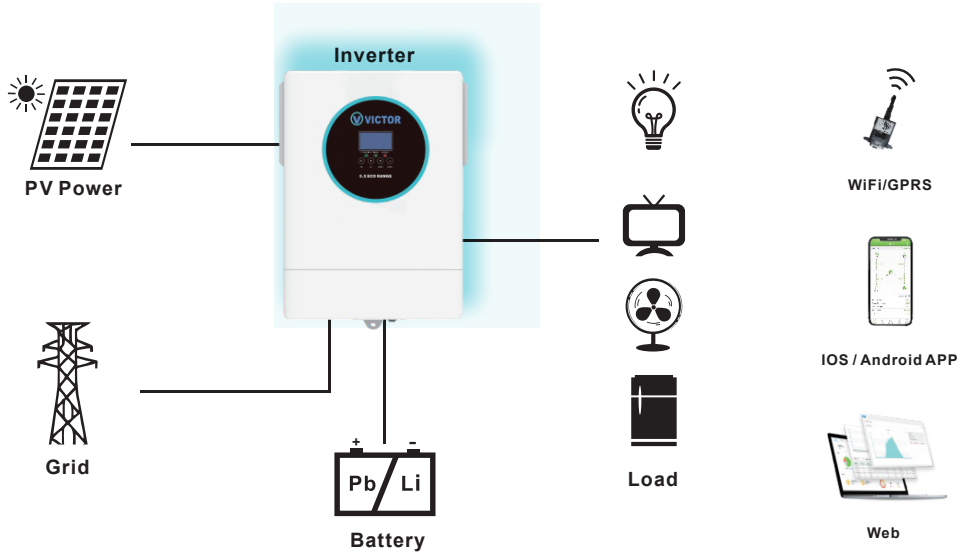
Features

- Elegant plastic design.
- Compatible work with lifepo4 battery via RS485
- Lithium battery activation function, which can be triggered by PV
- Pure sine wave
- Power factor 1.0
- PV input Voltage 60Vdc-500Vdc
- Built-in MPPT 100A
- Capable to work without battery
- Detachable dust cover for harsh environment
- WiFi remote monitoring optional
- Support multiple output priority: UTL, SOL, SBU, SUB
- EQ function to optimize battery performance and extend lifecycle

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System Diagram



Technical Data

MODEL	SE5500-48L
Capacity	5.5KVA/5.5KW
Parallel Capability	NO
Lithium Battery activation	YES（By PV only)
Lithium Battery communication	YES(RS485)
INPUT	
Nominal Voltage	230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280vac(For Home Appliances)
Frequency	50/60Hz(Auto sensing)
OUTPUT	
Nominal Voltage	220/230VAC±5%
Surge Power	11000VA
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	5500W
Max.PV Array Open Circuit Voltage	500VDC
PV Array MPPT Voltage Range	60VDC~500VDC
Max.Solar Input Current	18A
Max.Solar Charge Current	100A
Max.AC Charge Current	80A
Max.Charge Current	100A
PHYSICAL	
Dimensions,D x W x H （mm)	433*310*125.5
Package Dimensions,D x W x H （mm)	540*436*230
Net Weight(Kg)	7.6
Communication Interface	RS232+RS485
ENVIRONMENT	
Operating Temperature Range	(-10 ~55)
Storage Temperature	(-15 ~60)
Humidity	5% to 95% Relative Humidity (Non-condensing)

Product specifications are subject to change without further notice.