VICTOR

WIFI Optional

MPPT

Output Multiple Priority

BMS
Lithium Battery Activation



Model:SE1500-12S

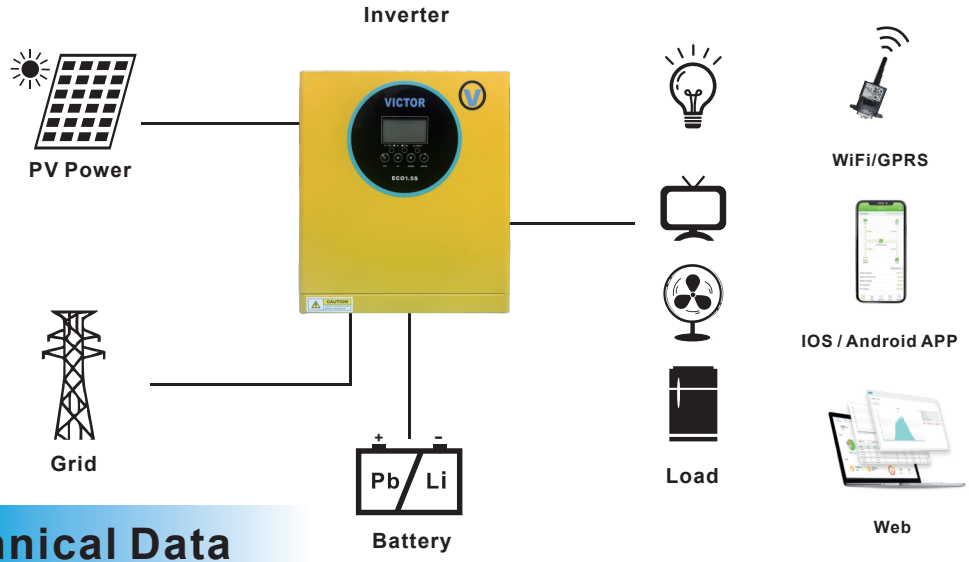
SOLAR INVERTER

1.5KW 12V 220V / 230Vac Output

Features

- Lithium battery activation function, which can be triggered by PV
- Pure Sine Wave
- PV Input 500Vdc Max
- Built-in MPPT 100A
- 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

System Diagram



Technical Data

MODEL	SE1500-12S
Cap acity	1500V A/1500W
Parallel Cap ability	NO
Lithium Batt er y Activ ation	YES(By PV)
Lithium b att er y Communication	NO
INPUT	
Nominal V oltage	230V AC
Acceptable V oltage Range	170-280V AC(For personal Comput er);90-280V AC(For Home Appliances)
Frequency	50/60 Hz (Aut o sensing)
OUTPUT	
Nominal V oltage	220/230V AC±5%
Rat ed P ower	1500V A/1500W
Batt er y Mode P ower	1200V A/1200W
Sur ge P ower	3000V A
Frequency	50/60 Hz
W aveform	Pur e Sine wave
Transfer Time	10ms(For personal Comput er);20ms(For Home Appliances)
Peak Efficiency （PV t o INV）	96%
Peak Efficiency （Batt er y t o INV）	93%
Overlo ad Pr ot ection	5s@＞=140% lo ad; 10s@100%~140% lo ad
Cr est F act or	3:1
Admissible P ower F act or	0.6~1 (inductive or cap acitive)
BATTERY	
Batt er y V oltage	12V dc
Flo ating Char ge V oltage	13.5V dc
OverChar ge Pr ot ection	16.5V dc
Char ging Method	CC/CV
SOLAR CHARGER & AC CHARGER	
Solar Char ger T YPE	MPPT
Max.PV Array P ower	2000W
Max. PV Array Open Cir cuit V oltage	500VDC
PV Array MPPT V oltage Range	30VDC~500VDC
Max. Solar Input Curr ent	15A
Max. Solar Char ge Curr ent	100A
Max. A C Char ge Curr ent	60A
Max. Char ge Curr ent(A C+PV)	100A
PHYSICAL	
Dimensions, D x W x H(mm)	330*278*98
Package Dimensions, D x W x H (mm)	400*365*174
Net W eight (K gs)	3.8
Communication Int er face	R J45 For WiFi
ENVIRONMENT	
Operating T emperatur e Range	-10°C t o 55°C
Storage t emperatur e	-15°C~ 60°C
Humidity	5% t o 95% R elative Humidity (Non-condensing)
Ingr ess Pr ot ection	IP21

Product specifications are subject to change without further notice.