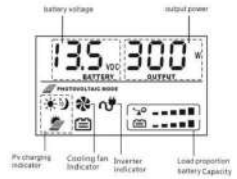
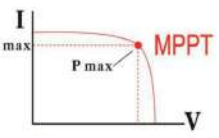


FEATURES

1 . Built-in PWM solar charge controller 10A.
2 . Adopt auto PV-charging control system.
3 . 3.0' LCD screen displays real-time information.
4 . Battery reverse connecting protection , etc.
5 . Universal socket , suitable for all kinds of plugs.
6 . Modified sine wave form output
7 . Applicable for resistive AC loads.

Technical Parameter **SUS-series**

Model	SUS-500A	SUS-1000A
The built-in	12V/10A PWM	12V/20A PWM
Featured solar	100~150W/18V	100~200W/18V
External battery	12V	12V
USB output	5A 1A	5A 1A
Output voltage	5.0+/-0.3V	5.0+/-0.3V
Output voltage	AC 220V+/-5%	AC 220V+/-5%
Maximum	350W	600W
Peak power	500W	1000W
No load current	<0.5A	<0.5A
DC input voltage	DC9.7V~15.5V	DC9.7V~15.5V
Output	50+/-3Hz	50+/-3Hz
Conversion	70%~80%	70%~80%
High Voltage cut	15V+/-0.5V	15V+/-0.5V
Low voltage	11.2V+/-0.3V	11.2V+/-0.3V
Low voltage	10V+/-0.3V	10V+/-0.3V
Overload, short	Yes	Yes
Output	Modified sine wave	Modified sine wave
Cooling mode	Fan cooler	Fan cooler
Working	-20℃~+70℃	-20℃~+70℃
Relative	<90%RH	<90%RH



FEATURES

1 . Built-in MPPT solar charge controller 600W (Solar input voltage : 18V-45V).
2 . LCD screen displays real-time information.
3 . Universal socket , suitable for all kinds of plugs.
4 . Modified sine waveform output.
5 . Applicable for resistive AC loads.
6 . Battery reverse connecting protection , etc.

Technical Parameter **SUS-series**

Model	SUS-1500A
The built-in controller	600W MPPT(18v-45v)
Solar panel specifications	100~150W/18V
External battery	12V 100Ah~200Ah
Solar input range.	18V ~ 45V
Solar power output.	5A 1A
Solar charging voltage.	14.3V
Output voltage of the inverter	AC 220V±5%
Maximum continuous power	800W
Peak power	<0.8A
DC input voltage	DC9.7V~15.5V
Output frequency	50Hz ±3Hz
Conversion efficiency	> 88%
High pressure cut off	15V±0.5V
Low voltage alarm	10.2V±0.3V
Low cut	10V±0.3V
Overload,short circuit protection	Yes
Output wavefrom	Modified Sine Wave
cooling mode	Fan cooler
working environment temperature	-20℃~40℃ @ 100% load / 60℃ @ 60% load
Relative humidity	<90%RH