

Solar Inverter IVPS

Model	7548
	7500VA
RatedOutputPower(W)	7500va/60000w
Norminal DC Input Voltage	48v

Charge & Line Mode Specification

Norminal Input Voltage	220Vac
Low Line Disconnect	90Vac±7Vac
Low Line Re-connect AC Input Range	100Vac±7Vac
High Line Disconnect	280Vac±7Vac
High Line Re-connect	270Vac±7Vac
Output Voltage Waveform	As same as input waveform
Efficiency(Line mode)	≥95%(Rated R load, and battery is full charged)
Transfer switch Rating	AC 40A
Transfer time(AC to DC)	15ms(typocal)
Transfer time(DC to AC)	15ms(typocal)
Pass Through Without Battery	Yes
Input Overload Current	AC 40A
Norminal Output Voltage	Dependent on battery type
Max Charge Voltage	DC 40A
Charge Current Regulation	Charge current adjustable:0A,10A,20A,30A,40A
Breaker Size	Dependent on battery type or Self-defined
Over Charge protection	Yes
Algorithm	AGM
	Flood

Self

Inverter Mode Specification

Output Voltage Waveform	Pure Sine Wave
Power Factory	1
Nominal Output Voltage	220Vac±5%
Nominal Output Frequency(Hz)	50±0.3Hz/60±0.3Hz(adjustable)
Over-load Protection(SMPS)	60s@≥150% load; 120s@105%-150% load
Surge Rating	2*rated power for 5 seconds
Capable of starting electric	Yes
Output Short Circuit Protection	Yes
Output overlaod current	AC 40A
Nominal DC Input Voltage	48Vdc
Low Battery Alarm	11.5V/23V/46Vdc@load<50%;11V/22V/44Vdc@load>=50%
Low battery Recovery	11.75V/23.5V/47Vdc@load<50%;11.5V/23V/46Vdc@load>=50%
Low DC Input Shut-down	10.75V/21.5V/43Vdc@load<50%;10.5V/21V/42Vdc@load>=50%
High DC Input Alarm& Fault	15.75Vdc±0.4/31.50Vdc±0.4V/63Vdc±0.4V
High DC Input Recovery	15.5Vdc±0.4/31.0Vdc±0.4V/62Vdc±0.4V
Oprating Temperate	0°C to 40°C
Range Storage temperate	-15°C-60°C
Dimension(mm)	765*329*298mm