

SSINV-3.5kW/5.5kW-H

Features

- Pure sine wave inverter
- Output power factor 1.0
- Priority of PV power supply, priority of battery or grid power supply adjustable
- Integrated with MPPT charge controller, 120-500VDC wide input range
- Compatible with Li-ion or Lead acid batteries
- Overload and short circuit protection
- Smart battery charging algorithm
- Battery charging current adjustable
- Max 6pcs in parallel operation



Application

Priority of PV power supply to the loads, surplus power would charge the battery.

Priority of grid power to charge the battery, surplus power to power the loads.

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Specification

Model	SSINV-3.5kW-H	SSINV-5.5kW-H
Output		
Rated Power	3500W	5500W
Surge Power	7000W	11000W
Rated Voltage	230V±%	
Peak Efficiency (PV-INV)	97%	
Peak Efficiency (BAT-INV)	94%	
Frequency	50/60Hz	
Standby Consumption	<3%	
AC Input		
Voltage	170-280V/90-280V	
Frequency	50/60Hz	
Current (adjustable)	10-80A	10-80A
Solar Input		
Max. PV Array	5000W	6000W
MPPT Range	120-500VDC	
Max solar current	110A	
Max charging current		
AC+Solar	110A	
Battery		
Rated Voltage	24V	48V
Others		
Communication Interface	RS485/RS232	
Dimension.D*W*H	472*297*129mm	
Net Weight	10kg	10.7kg
Humidity	5-95% Relative Humidity (non-condensing)	
Operating Tem.	0-55℃	
Storage Tem.	-15-60℃	

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Overview

