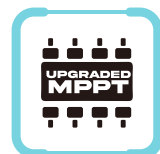
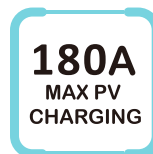


HISUN-4.5KW OFF GRID SOLAR INVERTER

Features

- Output power factor 1
- Pure sine wave output
- Built-in MPPT solar charge controller
- Support BMS communication port (RS485)
- Adjustable charging current and charging voltage
- Multi-mode setting function, set the priority of photovoltaic, mains and battery
- Selectable wide AC input voltage range
- Protection function; Battery over-discharge protection, overload protection, over-temperature protection, short-circuit protection
- Cold start function.
- Support APP control, WIFI intelligent monitoring

Features and Advantages



»» Product Data Sheet

| MODEL | HSUN-4.5KW-24V | |
|-------------------------|--|---|
| | Maximum PV Input Power | 6200W |
| | Rated Output Power | 4500W/4500VA |
| | Maximum Solar Charging Current | 120A |
| PV INPUT(AC) | Nominal DC Voltage/Maximum DC Voltage | 360/500VDC |
| | Start-up Voltage/Initial Feeding Voltage | 60VDC/90VDC |
| | MPPT Voltage Range | 60~450VDC |
| | Maximum Input Current | 1/18A |
| | | |
| GRID OUTPUT (AC) | Nominal Output Voltage | 220/230/240VAC |
| | Output Voltage Range | 195~253VAC |
| | Nominal Output Current | 18.2A |
| | Power Factor | >0.99 |
| | Maximum Conversion Efficiency(DC/AC) | 98% |
| TWO LOAD OUTPUT POWER | Full Load | 4500W |
| | Maximum Main Load | 4500W |
| | Maximum Second Load(battery mode) | 1500W |
| | Maximum Load Cut Off Voltage | 26VDC |
| | Maximum Load Return Voltage | 27VDC |
| AC INPUT | AC Start-up Voltage/Auto Restart Voltage | 120-140VAC/180VAC |
| | Acceptable Input Voltage Range | 90-280VAC or 170-280VAC |
| | Frequency Range | 59~61±1HZ |
| | Maximum AC Input Current | 24.7A |
| BATTERY MODE OUTPUT(AC) | Nominal Output Voltage | 220/230/240VAC |
| | Output Waveform | Pure sine wave |
| | Efficiency (DC to AC) | 94% |
| DESCRIPTION | Dimension,D*W*H(mm) | 420*350*110 |
| | Carton Dimension,D*W*H(mm) | 500*415*180 |
| | Net Weight (kgs) | 8.0 |
| | Gross Weight (kgs) | 9.0 |
| | Communication Port | RS232/RS485/WIFI/GPRS/LITHIUM BATTERY |
| | Humidity | 5% to 95% Relative Humidity(Non-condensing) |
| | Operating Temperature | -10°C~50°C |
| | Compliance Safety | CE |
| | | |