

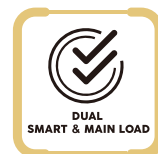
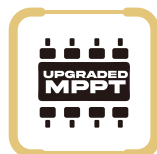
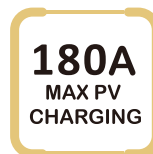


HISUN-8.5KW OFF GRID SOLAR INVERTER

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-8.5KW-48V	
	Maximum PV Input Power	13000W
	Rated Output Power	8500W/8500VA
	Maximum Solar Charging Current	160A
PV INPUT(AC)	Nominal DC Voltage/Maximum DC Voltage	360/500VDC
	Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
	MPPT Voltage Range	90~450VDC
	Maximum Input Current	2/18A
GRID OUTPUT (AC)	Nominal Output Voltage	220/230/240VAC
	Output Voltage Range	195~253VAC
	Nominal Output Current	35.6A
	Power Factor	>0.99
	Maximum Conversion Efficiency(DC/AC)	98%
TWO LOAD OUTPUT POWER	Full Load	8500W
	Maximum Main Load	8500W
	Maximum Second Load(battery mode)	2832W
	Maximum Load Cut Off Voltage	52VDC
	Maximum Load Return Voltage	54VDC
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	48.2A
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)	530x390x130
	Carton Dimension,D*W*H(mm)	620*465*205
	Net Weight (kgs)	14.2
	Gross Weight (kgs)	15.7
	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