

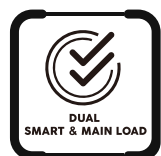
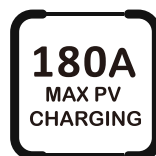


# HISUN-6.5KW OFF GRID SOLAR INVERTER

## 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-6.5KW-48V	
	Maximum PV Input Power	6500W
	Rated Output Power	6500W/6500VA
	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	1/22A
GRID OUTPUT (AC)	Nominal Output Voltage	220/230/240VAC
	Output Voltage Range	195~253VAC
	Nominal Output Current	27.0A
	Power Factor	>0.99
TWO LOAD OUTPUT POWER	Maximum Conversion Efficiency(DC/AC)	98%
	Full Load	6500W
	Maximum Main Load	6500W
	Maximum Second Load(battery mode)	2167W
	Maximum Load Cut Off Voltage	52VDC
AC INPUT	Maximum Load Return Voltage	54VDC
	AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC
	Acceptable Input Voltage Range	90-280VAC or 170-280VAC
	Frequency Range	59~61±1HZ
BATTERY MODE OUTPUT(AC)	Maximum AC Input Current	36.4A
	Nominal Output Voltage	220/230/240VAC
	Output Waveform	Pure sine wave
DESCRIPTION	Efficiency (DC to AC)	94%
	Dimension,D*W*H(mm)	420*350*110
	Carton Dimension,D*W*H(mm)	500*415*180
	Net Weight (kgs)	8.9
	Gross Weight (kgs)	10.0
	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