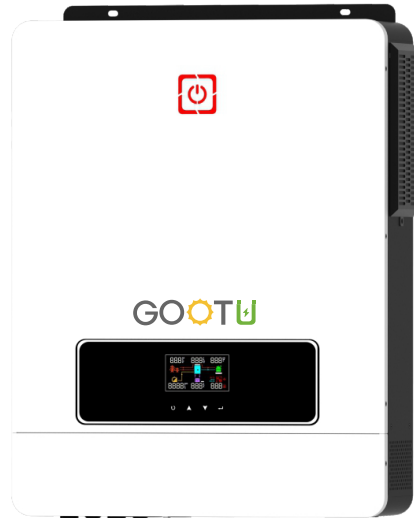


ON/OFF Grid Solar Inverter

JSN-H48102E160



MAIN FEATURES

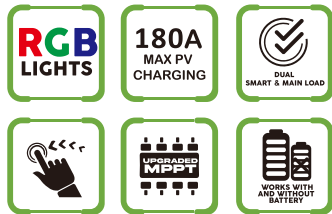
- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter running without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 160A(for 7.2KW/8.2KW)/180A(for 10.2KW)MPPT solar charger
- High PV input voltage range(90~500VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual output
- Touch button

RGB LIGHT

RGB lighting for different working mode

RGB automatically switches with the working mode of the inverter:

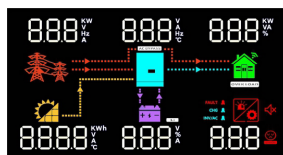
Battery mode: red;
Utility mode: blue;
PV mode: purple;



WIFI&GPRS available for ios and Android



LCD Display



Product parameters

MODEL	JSN-H4872E160	JSN-H4882E160	JSN-H48102E160
Phase		1-phase	
Maximum PV Input Power	8200W	8200W	10200W
Rated Output Power	7200W/7200VA	8200W/8200VA	10200W/10200VA
Maximum Solar Charging Current	160A	160A	160A
GRID-TIE OPERATION			
PV Input(DC)			
Nominal DC Voltage/Maximum DC Voltage		360VDC/500VDC	
Start-up Voltage/Initial Feeding Voltage		90VDC/120VDC	
MPPT Voltage Range		90VDC~450VDC	
Number of MPPT Trackers/Maximum Input Current		1/27A	
GRID OUTPUT(AC)			
Nominal Output Voltage		220/230/240VAC	
Output Voltage Range		195~253VAC	
Nominal Output Current	31.3A	35.6A	44.3A
Power Factor		>0.99	
Feed-in Grid Frequency Range		49~51±1Hz	
EFFICIENCY			
Maximum Conversion Efficiency(DC/AC)		98%	
TWO LOAD OUTPUT POWER			
Full Load	7200W	8200W	10200W
Maximum Main Load	7200W	8200W	10200W
Maximum Second Load(battery mode)	2400W	2733W	3400W
Main Load Cut Off Voltage	44VDC	44VDC	44VDC
Main Load Return Voltage	54VDC	54VDC	54VDC
OFF-GRID OPERATION			
AC INPUT			
AC Start-up Voltage/Auto Restart Voltage		120-140VAC/180VAC	
Acceptable Input Voltage Range		90-280VAC or 170-280VAC	
Maximum AC Input Current	40A	40A	50A
Nominal operating frequency		50/60Hz	
Surge power	14400W	16400W	20400W
PV INPUT(DC)			
Maximum DC Voltage		500VDC	
MPPT Voltage Range		90VDC~450VDC	
Number of MPPT Trackers/Maximum Input Current		1/27A	
BATTERY MODE OUTPUT(AC)			
Nominal Output Voltage		220/230/240VAC	
Output Waveform		Pure sine wave	
Efficiency(DC to AC)		94%	
BATTERY & CHARGER			
Nominal DC Voltage	48VDC	48VDC	48VDC
Maximum Solar Charging Current	160A	160A	160A
Maximum AC Charging Current	140A	140A	140A
GENERAL			
PHYSICAL			
Dimension,D x W x H(mm)		420*310*110	
Cartoon Dimension, D X W XH(mm)		588*463*205	
Net Weight(kgs)	13.1	14.2	14.5
Gross Weight(kgs)	14.1	15.7	16.0
INTERFACE			
Communication Port		RS232/ WIFI/Remove LCD/GPRS	
ENVIRONMENT			
Operating Temperature		-10 ~50°C	