

OFF GRID HYBRID INVERTER

EM Series 8.5 / 11 KW PV 60-500Vdc



Pure sine
wave



PV 60-500Vdc



WIFI Optional



Dual MPPT



PF=1.0



Anti-shock
design terminal



Lithium Battery
Activation

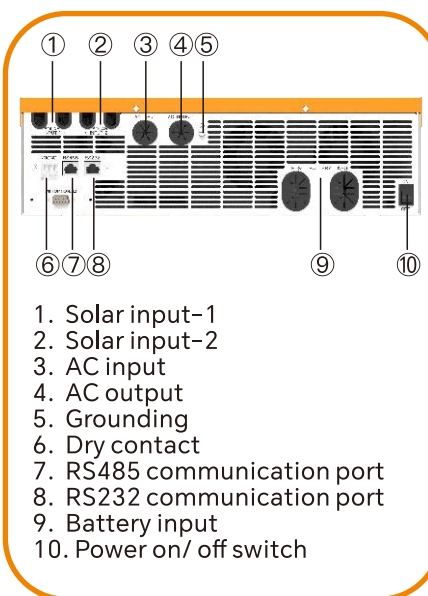


Rs232 Rs485



Features

- Built-in 2 MPPT
- Lithium battery activation function by PV or Utility
- Compatible work with LiFeP04 battery via Rs485
- Pure Sine Wave
- Power factor 1.0
- PV Input 500Vdc Max
- Built-in M PPT 140A/160A
- Capable to work without battery
- Detachable dust cover for harsh environment
- WiFi remote monitoring optional
- Support multiple output priority:
UTL,SOL,SBU,SUB
- EQ function to optimize battery performance and extend
lifecycle



Technical Data

MODEL		J11000H
Capacity		11KVA/11KW
Maximum PV Input Power		11KW
Parallel Capability		NO
Lithium Battery Activation		YES (By PV or Utility)
Lithium Battery Communication		YES (Rs485)
INPUT		
Nominal Voltage		230VAC
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280VAC(For Home Appliances)	
Frequency		50/60 Hz (Auto sensing)
OUTPUT		
Nominal Voltage		220/230/240VAC
Surge Power		22000VA
Frequency		50/60 Hz
Waveform		Pure Sine wave
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)	
Peak Efficiency		94%
Overload Protection	5s@>=140% load; 10s@101%~140% load	
Admissible Power Factor	0.6-1 (inductive or capacitive)	
Grid-tie Operation		NO
BATTERY		
Battery Voltage		48VDC
Maximum Discharge Current		220A
Floating Charge Voltage		54VDC
Overcharge Protection		63VDC
Charging Method		CC/CV
SOLAR CHARGER & AC CHARGER		
Solar Charger TYPE		MPPT
Max. PV Array Power		5500W*2
Max. PV Array Open Circuit Voltage		500VDC
PV Array MPPT Voltage Range		60VDC~500VDC
Max. Solar Input Current		18A*2
Max. Solar Charge Current		160A
Max. AC Charge Current		120A
Max. Charge Current		160A
PHYSICAL		
Dimensions, D x W x H(mm)		540*415*122
Net Weight (Kgs)		15
Communication Interface		RS232/RS485/DRY CONTACT
LCD		YES
ENVIRONMENT		
Operating Temperature Range		-10°C to 50°C
Storage temperature		-15°C~ 60°C
Humidity		5% to 95% Relative Humidity (Non-condensing)

*Product specifications are sub ject to change without further notice.