

OFF GRID HYBRID INVERTER

EM Series 11 KW PV 60-500Vdc



Pure sine wave



PV 60-500Vdc



Built-in WiFi



Dual MPPT



PF=1.0



Anti-shock design terminal



Lithium Battery Activation

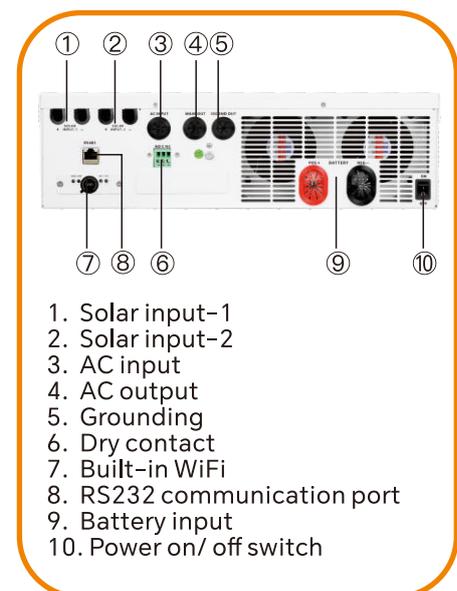


Rs232 Rs485



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-W
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.