

Power and Output

8.5 / 11KW&220V / 230Vac Output



Features

- *Dual input MPPT
- *Pure Sine wave output off grid Inverter
- *Output power factor PF=1.0
- *Max. PV input voltage :500Vdc
- *Internal MPPT 140A/160A charging controller
- *Support No Battery Runing Mode
- *Removable dust proof mesh cover, easy for tough environments
- *WiFi remote monitoring (Optional)
- *Support multiple priority outpot modes: SUB, SBU, SUF
- *Internal Lithium Battery dual activations fuction, system be activated by any input of PV or Grid
- *Support RS232/RS485 communication with Lithium Battery status
- *Internal Battery balancing charger fuction, to extend the battery life

无电池模式
No Batt.

PV 60-500Vdc
PV input

WiFi 可选
WiFi

双输入
Dual Inputs

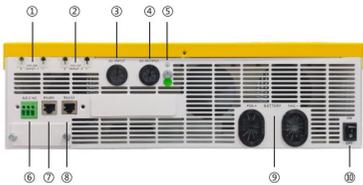
PF=1.0

防触电设计
Shock protect

BMS
锂电池保护功能
Batt.Manage

RS232 RS485
RS232/485

Bottom view



- Solar PV Input 1
- Solar PV Input 2
- AC Input (Grid input)
- AC Output (For home appliances)
- Grand
- Reserved connection
- RS485 com. interface
- RS232 com. interface
- Battery Input (For Lithium battery)
- Power ON/OFF

Application Diagram



Specifications

型号	Type	8500-48L	11000-48L
功率	Power output	8.5KVA/8.5KW	11KVA/11KW
最大光伏输入功率	Max. Power PV input	10KW	11KW
并机	Parallel Operation	NO/ Single Operation only	NO/ Single Operation only
锂电激活	Activation Mode	Battery / Grid	
锂电通讯	Communication with Batt.	Yes/ RS232 or RS485	
内置WIFI	Internal WIFI	Yes/ Optional	
输入 INPUT			
额定电压	Rated Input Voltage	230VAC	
电压范围	AC Input Range	170-280VAC;90-280VAC	
频率	AC Input Frequency	50/60 Hz (Auto-Detection)	
输出 OUTPUT			
额定电压	Rated Output Voltage	220/230/240VAC	
瞬时功率	Peak Output Power	17000VA	22000VA
频率	AC Output Frequency	50/60 Hz	
输出波形	AC Output wave form	Pure Sine Wave	
转换时间	Transite time	10ms;20ms	
峰值效率	Peak Efficiency	94%	
过载保护	AC Output Frequency	5s@ > = 140%Load; 10s@ 110%~140%Load;	
功率因素	Power Factor	0.6~1 (Capacitive or Inductive)	
电池 BATTERY			
电池电压	Battery Voltage	48VDC	48VDC
最大放电电流	Max. Discharge Current	180A	220A
浮充电压	Continued Charge Voltage	54VDC	54VDC
过充保护	Over Charged protection	63VDC	63VDC
充电模式	Charging Mode	CC/CV	
光伏充电 & 市电充电 PV & Grid Charging			
充电模式	Charging Mode	MPPT	MPPT
最大光伏输入功率	Max. PV Input Power	5000W*2	5500W* 2
最大光伏开路电路电压	Max. PV Input Voltage	500VDC	500VDC
MPPT 电压范围	MPPT Voltage Range	60VDC~500VDC	60VDC~500VDC
最大光伏输入电流	Max. PV Input Current	18A*2	18A*2
最大光伏充电电流	Max. PV Charge Current	140A	160A
最大市电充电电流	Max. Grid Charge Current	120A	120A
最大充电电流	Max. All Charge Current	140A	160A
物理特性 Physical Data			
尺寸:长 x 宽 x 高(mm)	Dimension (LxWxH)	540*403*122 (mm)	540*403*122 (mm)
净重(Kg)	Net Weight (Kg)	14.5	14.8
通讯接口	Communication Port	RS232/RS485/Reserved	
LCD	LCD Display	Yes	
应用环境 Environments			
运行温度范围	Operation Temp.	-10°C to 55°C	
储存温度范围	Storage Temp.	-15°C~ 60°C	
湿度	Humidity	5% to 95% Relative Humidity (No condensation)	
防护等级	Protection Class	IP21	

*参数若有更改, 请以厂商最新发布为准。

*Specifications are subject to be modified, please refer to our latest version