

SP 逆变器UPS

3.6KW-12KW



- 220V Pure Sine Wave Output /220V 纯正弦波输出
- Mppt Solar Charging /Mppt 光伏充电
- Output Power Factor Pf=1.0 /输出功率因数 PF=1.0
- Able To Work Without Battery/无需电池即可工作
- Wifi Remote Monitoring Is Optional /Wifi 远程监控可选



SP 3.6KW-12KW ALL-IN-ONEHYBRID INVERTER

APPLICATIONS/应用范围

- Household rooftop PV power / 家用屋顶光伏发电
- Residential energy storage system / 户用储能系统
- Camping and caravan power supply / 露营房车供电
- Household emergency power backup / 家庭应急备用电源

- Off-grid monitoring power supply / 离网监控设备供电
- Small household load power supply / 家用小型负载供电
- Rural distributed PV projects / 村镇分布式小型光伏项目



SP 3.6KW-12KW ALL-IN-ONEHYBRID INVERTER

SPECIFICATION/技术规格			
Model/型号	SP-3.6KW/24V	SP-6.2KW/48V	SP-12KW/48V
Power /功率	3.6KVA/3.6KW	6.2KVA/6.2KW	12KVA /12KW
Maximum Pv Input Power /最大光伏输入功率	5KW	9KW	15KW
Maximum Total Ac Output Power / 最大AC总输出功率	3.6KVA/3.6KW	6.2KVA/6.2KW	12KVA / 12KW
Parallel Function /并机功能	Not Supported /不支持	Supported /支持	
Lithium Battery Communication /锂电通讯	Yes (Rs485)/是(RS485)		
Lithium Battery Activation /锂电激活	Yes (Pv Or Mains Power)/是(光伏或市电)		
Built-In Wifi /内置WIFI	Optional /可选择		
INPUT/输入			
Rated Voltage /额定电压	230VAC		
Voltage Range /电压范围	170-280Vac (For Computer Use);90-280Vac (For Household Appliances)/170-280VAC (电脑应用);90-280VAC(家用电器)		
Frequency /频率	50/60 Hz (Auto Detection) /50/60Hz(自动检测)		
OUTPUT/输出			
Rated Voltage /额定电压	220/230VAC±5%	220/230/240VAC	230VAC
Peak Power /瞬时功率	22000VA		
Frequency /频率	50/60Hz±0.1%		
Output Waveform /输出波形	Pure Sine Wave /纯正弦波		
Transfer Time /转换时间	10Ms (For Computer Use);20Ms (For Household Appliances) /10ms(电脑应用);20ms(家用电器)		
Peak Efficiency (Pv To Inv)/峰值效率(PV to INV)	96%	>94%	99%
Peak Efficiency (Battery To Inv)/峰值功率(Battery to INV)	93%		
Overload Protection /过载保护	55@ >=140% Load; 105@100%~140% Load/55@>=140%负载;105@100%~140%负载	10.5s @ 110% ~ 150% load; 5.5s @ 150%~250% load;200 ms @ 200% load/ 10.5s@110%~150%负载; 5.5s@150%~200%负载; 200ms@>200%负载	55@ >=140% Load; 105@100%~140% Load/55@>=140%负载;105@100%~140%负载
Peak Factor /峰值系数	3:1		
Power Factor /功率因素	0.6~1 (Capacitive Or Inductive) /0.6~1(电容性或电感性)		
Battery/电池			
Battery Voltage /电池电压	24VDC	48VDC	
Maximum Discharge Current /最大放电电流	220A		
Float Charge Voltage /浮充电压	54VDC		
Overcharge Protection /过充保护	63VDC		
Charging Mode /充电模式	CC/CV		
Pv Charging & Mains Charging /光伏充电&市电充电			
Charging Mode /充电模式	MPPT		
Maximum Pv Input Power /最大光伏输入功率	5000W	9000W	Single channel 9000W; Dual-channel 7500W * 2 /单路9000W; 双路7500W*2
Maximum Pv Open Circuit Voltage / 最大光伏开路电压	500VDC		
Mppt Voltage Range/MPPT电压范围	60VDC~500VDC	120VDC~500VDC	60VDC~500VDC
Maximum Pv Input Current /最大光伏输入电流	18A	27A	27A*2
Maximum Pv Charging Current /最大光伏充电电流	100A		160A
Maximum Mains Charging Current /最大市电充电电流	100A		160A
Maximum Charging Current /最大充电电流	100A		160A
Physical Characteristics /物理特性			
Dimension, Length × Width × Height (Mm)/尺寸,长×宽×高(mm)	456*299*111mm	536*352*135mm	517*425*122mm
Net Weight (Kg)/净重(Kg)	5.5	10.5	16.2
Communication Interface /通讯接口	Rs232/Rs485/Dry Contact / RS232/RS485/干触点		
LCD	Yes /是		
Application Environment /应用环境			
Operating Temperature Range /运行温度范围	-10℃ to 55℃	-10℃ to 50℃	-10℃ to 55℃
Storage Temperature Range /储存温度范围	-15~60℃		
Humidity /湿度	5% To 95% Relative Humidity (No Condensation)/5% to 95%相对湿度(无凝霜)	20% To 95% (no condensation)/20%~95% (无冷凝)	5% To 95% Relative Humidity (No Condensation)/5% to 95%相对湿度(无凝霜)
Protection Grade /防护等级	IP21		
1.Product specifications are subject to change without further notice 2.If the equipment is installed at an altitude exceeding 1000 meters, its output power will be derated by 1% for every 100 meters of elevation gain.			