

SV2000PM

微逆防逆流模块

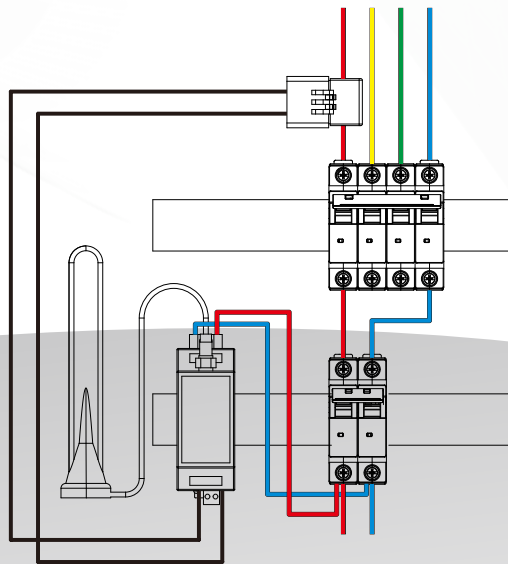
Models are available: SV、NBQ



Features

产品亮点:

- 配合本公司SV/NBQ系列微型逆变器，实现系统防逆流功能
· The system's anti-backflow function is realized by combining with our company's SV/NBQ series micro-inverters.
- 双向电能计量1P模块，120V/230V交流50Hz/60Hz
· Bidirectional energy metering 1P module, 120V/230V AC 50Hz/60HZ
- 精度等级B符合EN50470-3，精度等级I符合IEC62053-21
· Accuracy grade B complies with EN50470-3, and accuracy grade I complies with IEC62053-21
- 最大发射功率100mW，空中速率250K-2Mbps
· The maximum transmission power is 100mW, and the air speed is 250K-2Mbps
- 无线数据传输模块，频率范围：2.4GHz-2.518GHZ
· Wireless data transmission module, frequency range :2.4GHz-2.518GHZ
- 通讯距离：2000m
· Communication distance :2000 meters
- 通过APP，展示光伏发电功率和用户用电功率的潮流图
· The APP displays the photovoltaic power generation flow chart and user power consumption.
- 1P模块电表，小巧美观开口磁环设计，操作安全快捷
· The 1P module electricity meter has a compact open magnetic ring design for safe and quick operation.



防逆流模块接线示意图

技术参数 / Data Sheet

模型 MODEL	NBQ\SV2000PM
输入参数(DC)/Input Data (DC)	
标称电压 Nominal voltage	230V AC
电压范围 Voltage range	120-275V
功耗 Power consumption	0.5W 2VA
初级电流 Primary current	100A
第二输入 The second input	50mV(初级电流=100A)
UART通讯/UART Communication	
协议 Agreement	MODBUS
通讯地址 Correspondence address	1~255
波特率 Baud rate	1200bps-19200bps, 9600(默认)
奇偶校验 Parity check	无/偶校验
停止位 Stop position	1
无线通讯/Wireless communication	
功耗 Power consumption	100mW
发射功率 Transmission power	20dBm
传输距离 Transmission distance	2000M
通用数据/General data	
频率 Frequency	50/60Hz
精准度 Accuracy	8
机械参数/Mechanical parameters	
材料 Materials	ABS+PC
重量 Weight	60g
环境/Environment	
工作温度 Working temperature	-25℃~+55℃
储存温度 Storage temperature	-40℃~+70℃
湿度 Humidity	年平均75%，30天/年95%。不凝结
尺寸/Size	
长*宽*高 Length * width * height	35*53*80mm