

REVO HES series

Hybrid On & Off Grid Energy Storage Solar Inverter

并网混合储能逆变器

6-8KW



IP65 Rated IP65防护
Engineered to last with maximum flexibility. Suitable for outdoor installation

On-Grid and Off-Grid 并网
REVO HES series is suitable for on-grid and off-grid applications.

Easy access 轻松访问
Accessible through a LCD touch screen and through the web.

Remote Monitoring 远程监控
Control and monitor your smart system on the move via our monitoring App and website

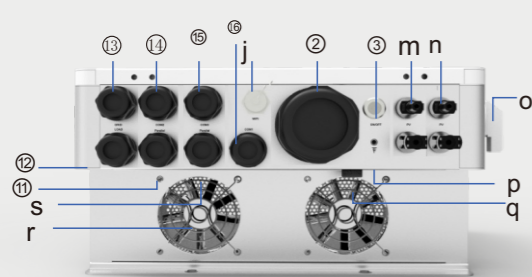
BMS
BMS Communication or lithium battery

Safe 安全
Physical and electrical dual isolation, arth Leakage Current Monitoring, Anti-island protection, Insulation detection and so on

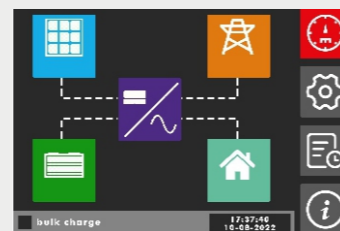
5 Years Warranty 5年保修
Supplied with a full manufacturers warranty

Flexible Rate Tariff 灵活费率电价
Charge from the grid at off-peak time when energy is cheaper and discharge at peak time when energy is more expensive.

Product characteristics 产品底部图

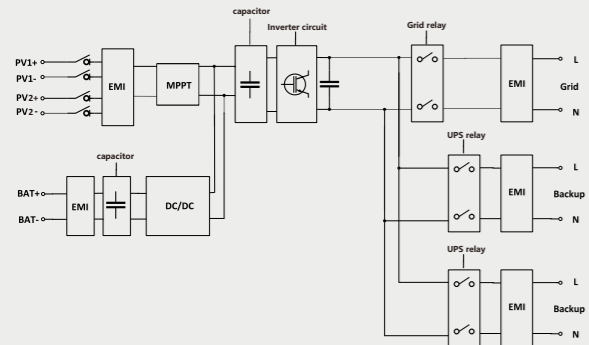


- | | |
|-----------------------------------|------------------------------|
| ① WiFi port
WiFi端口 | ⑩ Parallel port
并机端口 |
| ② Battery port
电池端口 | ⑪ Parallel port
并机端口 |
| ③ Switch
开关 | ⑫ Load output
负载输出 |
| ④ PV port1
光伏端口1 | ⑬ AC input
交流输入 |
| ⑤ PV port2
光伏端口2 | ⑭ communication port
通讯端口 |
| ⑥ PV switch(optional)
光伏开关(可选) | ⑮ communication port
通讯端口 |
| ⑦ Ground
接地 | ⑯ communication port
通讯端口 |
| ⑧ Breather valve
透气阀 | |
| ⑨ Fan
风扇 | |

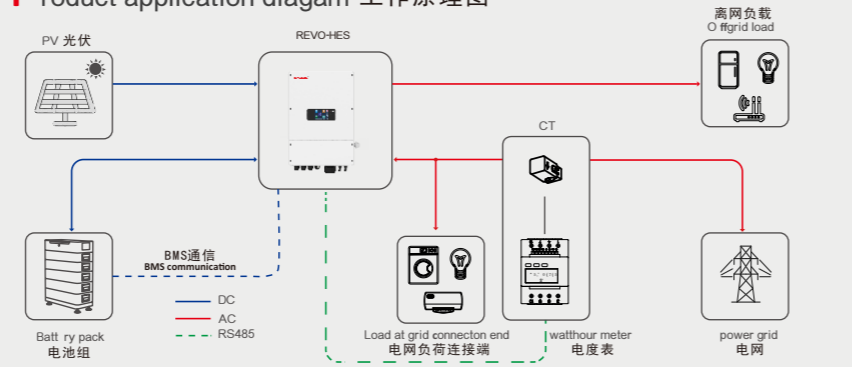


LCD touch screen

Circuit block diagram 线路图



Product application diagram 工作原理图



产品系列 Technical Specification	REVO HES series	
PV INPUT 输入 (PV)		
Max. power(kW) 最大功率	7.5	10
Max. DC voltage(V) 最大直流电压	550	
MPPT voltage range(V) MPPT电压范围	90~450	
Max. short circuit current(A) 最大短路电流	30	18+18
MPPT number/Max. input strings number MPPT数量/各最大并联组串数	1/2	2/2
AC OUTPUT(GRID-TIED) 交流输出		
Grid voltage/range(V) 电网电压/范围	230/176~270	
Frequency (Hz) 频率	50 /60	
PF 功率因数	0.8lagging-0.8leading 0.8滞后-0.8超前	
THDi 电流谐波	<3%	
AC output topology	L+N+PE	
BATTERY 电池		
Battery voltage range(V) 电池电压范围	40~58	
Max. charging voltage(V) 最大充电电压	58	
Max. charge/discharge current(A) 最大充电/放电电流	100/140	120/190
Battery type 电池类型	Lithium /Lead-acid 锂/铅酸	
UPS OUTPUT UPS输出		
Rated power (kw) 额定功率	6	8
Rated output voltage(V) 额定输出电压	220/230/240	
Rated output current(A) 额定输出电流	25/27/27.2	33.3/34.7/36.3
Rated frequency (Hz) 额定频率	50/60	
Transfer Time(ms) 自动切换	<10	
Voltage distortion rate 电压畸变率	<2%	
Overload capacity 过载能力	110%, 30S/120%, 10S/150%, 0.02S	
PROTECTION & FEATURE 保护与特征		
Anti-island protection 孤岛保护	Yes	
Insulation monitoring 绝缘监测	Yes	
Residual current monitoring 剩余电流监测	Yes	
Arc fault protection 电弧故障保护	Yes(Optional) 有(可选择)	
Parallel function 并行功能	Yes, 6 units 有, 6台并机	
Other protection 其他保护措施	AC overcurrent, AC overvoltage, Over temperature protection 交流过电流、交流过电压、过热保护	
GENERAL PARAMETER 常规参数		
Efficiency(Peak) 效率(峰值)	94%	
Degree of protection 保护等级	IP 65	
Operation temperature 工作温度	-25° C ~ 60° C, >45° C derating	
Cooling 冷却	smart cooling 智能冷却	
Relative humidity 相对湿度	0~95%(non-condensing) 0~95%(不凝结的)	
Altitude 海拔	(>2,000m Derating)	
Dimensions W x D x H (mm) 尺寸	360*195*660	
Net Weight(KG) 重量	22.5	32
Isolation transformer 隔离变压器	No	
Self-consumption(W) 自耗	<5	
DISPLAY AND COMMUNICATION 显示和通信		
Display 显示器	Touch screen 触摸键+LCD	
Interface 界面	Standard:RS232,CAN&RS485, Optional: Bluetooth, WiFi,CT	
Safety standard 安全标准	EN/IEC 62109-1,EN/IEC 62109-2	