

PP-602H3E/802H3E/103H3E

单/三相户用储能系统(高压一体机)

Single-phase/three-phase RESS (high-voltage integrated machine)



超低噪音 / Ultra-low noise

运行噪音小于30dB
Operating noise less than 30 dB.



多种安装方式 / Multiple Installation Methods

超薄结构、挂墙安装或者落地式安装、
家电式设计
Ultra-thin structure, wall-mounted or floor-mounted
installation, residential electric design.



响应快 / Quick Response

并离网切换时间小于30ms
And the switching time of off-grid is less than 30ms.



主动检测技术 / Active Detection Technology

提前预知运行风险
Anticipate operational risks in advance.



高防护 / High Protection

IP65防护等级
IP65 protection rating.



平台监控 / Platform Monitoring

云平台实现设备监控和控制
The cloud platform enables device monitoring and control.



产品型号/Product model	PP-602H3E	PP-802H3E	PP-103H3E
输入 (PV) /Input (PV)			
最大直流电压/Maximum DC voltage		1000V	
额定直流电压/Rated DC voltage		600V	
MPPT电压范围/MPPT voltage range		180~900V	
启动电压/Starting voltage		120V	
MPPT数量/组串数/Number of MPPTs/number of strings		2/1	
每路MPPT最大输入电流/Maximum input current of each MPPT		13A	
每路MPPT最大短路电流/Maximum short-circuit current of each MPPT		18A	
电网侧交流输出/Grid-side AC Output			
额定交流输出功率/Rated AC output power	6kW	10kW	10kW
最大交流输出功率/Maximum AC output power	6.6kW	8.8kW	11kW
额定交流电压/Rated AC voltage		220/380V,230/400V,3L/N/PE	
交流电网频率范围/Frequency range of AC network		50/60Hz±5Hz	
最大输出电流/Maximum output current	10A	13.5A	15.9A
电流总谐波失真/Current total harmonic distortion		<3%	
电池输入/Battery Input			
电池电压范围/Battery voltage range		180~800V	
电池类型/Battery type		磷酸铁锂/ LFP	
额定充电放电电流/Rated charging and discharging current		30/30A	
额定充电放电功率/Rated charge and discharge power		8000W	
交流输出 (离网端) /AC Output (Off-grid Side)			
最大输出电流/Maximum output current	10A	13.5A	15.9A
额定输出电压/Rated output voltage		220/380V,230/400V,3L/N/PE	
额定输出频率/Rated output frequency		50/60±5Hz	
额定输出功率/Rated output power	6kW	8kW	10kW
效率/Efficiency			
最大效率/Maximum efficiency	97.9%	97.9%	98.0%
欧洲效率/European efficiency	97.2%	97.2%	97.6%
MPPT效率/MPPT efficiency		99.5%	
最大电池充放电效率/Maximum battery charge and discharge efficiency	96.6%	96.6%	97.6%
基本参数/Basic Parameters			
尺寸(宽*高*厚)/Dimensions (W * H * T)		550*550*250mm	
重量/Weight		30Kg	
操作温度范围/Operating temperature range		-40~60°C	
噪音(dB)/Noise (dB)		<30dB	
冷却方式/Cooling method		自然冷却/Natural cooling	
最高工作海拔/Maximum operating altitude		4000m	
工作湿度/Operating humidity		0~100%	
防护等级/Protection degree		IP65	
通讯/Communication		CAN/RS485	
显示/Display		LED, APP	
电池型号/Battery Model		PB-S502XH	
电池类型/Battery type		磷酸铁锂/ LFP	
重量/Weight		75Kg	
尺寸(宽*高*厚)/Dimensions (W * H * T)		750*550*222mm	
防护等级/Protection degree		IP65	
电气参数/Electrical Parameters			
单PACK电能容量/Single PACK power capacity		4.9kWh	
最大容量/Maximum capacity		24.6(5PACKS)	
充电温度/Charging temperature		0~53°C	
放电温度/Discharge temperature		-18~54°C	
工作电压范围/Operating voltage range		136~868V	
循环寿命/Cycle life		3500次/3500 times	
运行参数/Operating Parameters			
最大充电/放电电流/Maximum charge/discharge current		32A/32A	
充放电效率/Charge and discharge efficiency		>95%	
通讯方式/Communication		CAN/RS485	