

PP-3802HE/3103HE/3123HE/3153HE

三相混合逆变器

3-phase hybrid inverter



并网稳定 / The Grid Connection is Stable

先进并网控制技术, 并网更稳定

Advanced grid-connected control technology, more stable grid-connected.



运行高效 / Efficient Operation

三电平拓扑技术, 运行更高效

Three-level topology for more efficient operation.



使用安心 / Use with Peace of Mind

智能保护设计, 使用更安心

Intelligent protection design, more secure use.



维护便捷 / Convenient Maintenance

全快插防呆接口, 维护更便捷

Quickly plug in the Fool-proofing interface, making maintenance more convenient.



产品型号/Product model	PP-3802HE	PP-3103HE	PP-3123HE	PP-3153HE
输入 (PV) /Input (PV)				
最大功率(kW)/Maximum power (kW)	12	15	18	22.5
最大直流电压/Maximum DC voltage	1000V			
MPPT电压范围/MPPT voltage range	180~850V			
单MPPT最大输入电流/Single MPPT maximum input current	13A			
MPPT数量/各最大组串数/Number of MPPTs/Maximum number of strings per group	2/1	2/1	2/1	2/2
输出 (并网交流侧) /Output (Grid-connected AC Side)				
额定输出功率(kVA)/Rated output power (kVA)	8	10	12	15
电网电压/范围/Grid voltage/range	400/360-440V			
电网频率/Grid frequency	50 /60Hz			
THDi	<3%			
电网连接类型/Grid connection type	3P+N+PE			
电池/Battery				
电压范围/Voltage range	125~600V			
额定充电/放电电流(A)/Rated charge/discharge current (A)	40/40			
电池类型/Battery type	锂电/铅酸/Lithium/lead acid			
通讯接口/Communication interface	CAN/RS485			
应急电源输出 (ESP) /Emergency Power Output (ESP)				
额定功率(kVA)/Rated power (kVA)	8.8	11	13.2	16.5
额定输出电压/Rated output voltage	400V			
额定输出频率/Rated output frequency	50 /60Hz			
最大自动切换时间/Maximum automatic switching time	<20ms			
THDu	<2%			
过载能力/Overload capacity	110%, 10min/120%, 60s/150%, 10s			
基本参数/Basic Parameters				
最大效率/Maximum efficiency	97%	98.2%	98.2%	98.5%
欧洲效率/European efficiency	97.2%	97.5%	97.5%	97.6%
MPPT效率/MPPT efficiency	99.5%	99.5%	99.5%	99.9%
防护等级/Protection degree	IP65			
噪音/Noise	<35dB			
环境温度范围/Ambient temperature range	-25°C~ 60°C			
冷却方式/Cooling method	自然冷却/Natural cooling			
环境温度范围/Ambient temperature range	0 ~95%(无冷凝) /0-95% (non-condensing)			
海拔/Altitude	2000以下不降额/No derating below 2000			
尺寸(宽*厚*高)/Dimensions (W * T * H)	510mm*200mm*500mm			
重量/Weight	29Kg			
显示和通讯/Display and Communication				
显示/Display	LCD			
接口/Interfaces	RS485 (具备) /Wifi (可选) /4G (可选) /CAN (具备) /DRM (具备) RS485 (available) /Wifi (optional) /4G (optional) /CAN (available) /DRM (available)			
安规标准/Safety standards	IEC/EN62109-1/-2			
EMC	IEC/EN61000-6-1,IEC/EN61000-6-3			