

三相逆变器并网/离网混合储能

3 PHASE INVERTER ON-GRID/OFF-GRID HYBRID ENERGY STORAGE

G8K-10K-12K-P3LA



最大充放电电流：240A
Maximum charge/discharge current:240A.



48V低压电池，带集成变压器，用于安全隔离
48V low-voltage battery with integrated transformer for safety isolation.



频率下降控制，支持多达10台机组的并联运行
Frequency droop control,supporting parallel operation of up to 10 units.



用于改造现有太阳能系统的交流耦合兼容性
AC-coupled compatibility for retrofitting existing solar systems



100%三相不平衡输出，每相可提供高达50%的额定功率
100% three-phase unbalanced output,with each phase capable of delivering up to 50% of rated power.



无需外部转换器即可直接支持柴油发电机
Direct support for diesel generators without the need for external converters.



6个可编程的时间段，具有不同的操作模式
6 programmable time periods with different operational modes.

产品规格

PRODUCT SPECIFICATION

型号 Model	G8K-P3LA		G10K-P3LA	G12K-P3LA
直流数据 DC data				
最大光伏输入功率 Maximum PV Input power	10.4KW		13KW	15.6KW
最大直流电压 Maximum DC voltage			800V	
启动电压 Starting voltage			160V	
额定电压 Rated voltage			550V（160~800V）	
MPPT工作电压范围 MPPT operating voltage range			200V ~650V	
MPPT数量 Number of MPPTs			2	
MPPT最大输入电流 Max. Input current of each MPPT	13A+13A		26A+13A	
MPPT最大短路电流 Max. short-circuit current of each MPPT	17A+17A		34A+17A	
电池数据 Battery data				
电池类型 Battery type	Lithium-ion battery / Lead-acid battery			
工作电压范围 Operating voltage range	40V~60V			
最大充放电电流 Max. charge and discharge current	160A/160A		200A/200A	240A/240A
交流数据 Exchange data				
额定功率 Rated power	8KW		10KW	12KW
最大功率 Max. apparent power	8800VA		11000VA	13200VA
额定电压 Rated voltage	220/380Vac,230/400Vac (Three-phase)			
额定频率 Rated frequency	50Hz/60Hz			
最大输出电流 Max. output current	45A			
功率因数 Power factor	0.8 Leading~0.8 lagging			
通用数据 Common data				
尺寸 Dimensions	422*702*281 mm			
重量 Weight	37.5kg			
IP保护等级 IP protection level	IP65			
工作温度范围 Range of working temperature	-40-60℃,>45℃ derating			
相对湿度 Relative humidity	10-90%			
最大工作海拔 Maximum working altitude	2000m			
冷却方式 Cooling method	智能制冷 Smart cooling			