



# Hybrid inverter



Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging



Intelligent Power Supply Mode, Intelligent Distribution of Solar Panel/Mains/Battery power Shares



Utility Charging Voltage/ PV Charging Voltage Adjustable, Match Different Battery Charging Requirements



Convenient Installation And Transportation



Battery Reverse Connection Protection with Fuse Switch, Safer Installation



PF1.0, High Efficiency, Lower Consumption, Energy Conservation/ Environmental Protection/ Electricity Saving/ Cost Saving



Support Working without Battery: Reduce Solar System Cost



Communication Option: External WiFi, Supervise at Any Time



High Precision of Output Voltage,  $\pm 5\%$ , Take Care of Your Appliances



BMS function for Lithium Battery

GD 系列

型号 Model		GD3024JMH	G03624JMH	GD5548JMH	GD6248JMH	GD11048MH
输入 Input voltage	输入制式 input Formation	L+N+PE				
	额定输入电压 AC Input	220/230/240VAC				
	电压范围 input Voltage Range	90-280VAC+3v(正常模式 Normal Mode) 170-280VAC+3V(UPS 模式 UPS Mode)				
	频率范围 Frequency	50/60Hz(自适应 Adaptive)				
输出 Output	输出额定功率 Rated Power	3000w 3600W 5500w 6200W 11000w				
	输出电压 Output Voltage	220/230/240VAC+5%				
	输出频率 Output Frequency	50/60Hz+0.1%				
	波形 Output Wave	纯正弦波 Pure Sine Wave				
	切换时间(可设) Transfer Time(Adjustable)	计算机设备 10ms, 家用电器 20ms 10ms for Computer Equipment, 20ms for Household Equipment				
	峰值功率 Peak Power	6000VA 7200VA 10000VA 12400VA 22000VA				
	过载能力 Overload Ability	电池模式 Battery Mode: 21s@105%-150% Load 11s@150%-200% load 400ms@>200% Load				
	额定电压 Rated Voltage	24VDC				48VDC
电池 Battery	恒压充电电压(可设) Constant Charging Voltage(Adjustable)	28.2VDC				56.4VDC
	浮充充电电压(可设) Float Charging Voltage(Adjustable)	27VDC				54VDC
	PV 充电方式 PV Charging Method	MPPT			MPPT*2	
充电器 Charger	PV 最大输入功率 Max PV Input	4200W	5500W	6200W	2x5500w	
	追踪范围 MPPT Tracking Range	60-500VDC	60-500VDC	60-500VDC	90-500VDC	
	最佳 Vmp 工作范围 Best VMP Working Range	300-400VDC	300-400VDC	300-400VDC	300-400VDC	
	最大 PV 输入电压 MAX PV Input Voltage	500VDC	500VDC	500VDC	500VDC	
	最大 PV 输入电流 MAX PV Input Current	18A			18A/18A	
	最大 PV 充电电流 MAX PV Charge Current	100A	100A	100A	100A	150A
	最大市电充电电流 MAX AC Charge Current	60A	80A	60A	80A	150A
	最大充电电流 MAX Charge Current	100A 120A 100A			120A	150A
显示 Display	LCD	可显示运行模式/负载/输入/输出等 Can display operating mode/load/input/output				
接口 interface	RS232	5PIN/Pitch2.54mm, 波特率 Baud Rate 2400				
	扩展插槽通讯接口 Expansion Slot Communication interface	2x5PIN/Pitch2.54mm, 锂电池 BMS 通信卡 WiFi 卡、干接点卡等 Lithium Battery BMS Communication Card WiFi 2x5PIN/Pitch2.54mm				
环境参数 Ambient Temperature	运行环境温度 Operating Temperature	-10℃-50℃				
	储存温度 Storage Temperature	-15℃-60℃				
	海拔高度 Ork Aitude	海拔高度不应超过 1000m, 1000m 以上降额, 最高 4000m, 参考 IEC62040. No more than 1000m, If 1000m< Rate power will lower, MAX 4000m, Refer to IEC62040				
	运行环境湿度 Operating Environment Humidity	20%-95% 无凝露 Non Condensing				
	噪音 Noise	≤50db				
物理参数 Dimension	深“宽”高 L*W*H(mm)	495*312*146mm			570*500*148mm	
标准和认证 Standards and Certifications		EN-IEC 60335-1, EN-IEC 60335-2-29, EC 62109-1				