

2026

绿色新能源 **GREEN NEW ENERGY**
阳台光伏 **BALCONY PHOTOVOLTAICS**

掌握太阳能光伏核心技术 Master the core technology of solar photovoltaic

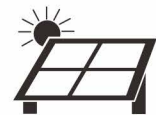


HYBRID 逆控一体机 SOLAR INVERTER

Supports battery-free operation mode

支持无电池运行模式

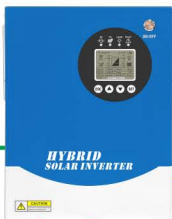
Model:
MM-2416 / MM-2432
MM-4845 / MM-4862



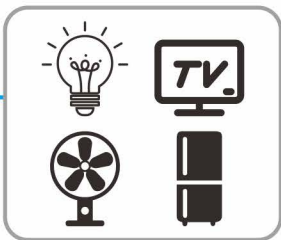
PV panel光伏板



Mains电网



Battery电池



AC load交流输出



A款



B款



C款



D款

Product parameters 产品参数

Model 型号	MM-2416	MM-2432	MM-4845	MM-4862
AC power input voltage 市电输入电压	Default 180VAC-265VAC, Can be set to 100VAC-280VAC 默认电压为180 VAC-265 VAC, 也可设置为100 VAC至280 VAC。			
AC input frequency 市电输入频率	47Hz~63Hz			
Maximum AC charging current 最大市电充电电流	50A	60A	50A	60A
AC switching Time 市电切换时间	Inverter switching to AC power response time: 10ms; When load exceeds 100W, AC power switching to inverter response time: 20ms 逆变切换到市电响应时间: 10ms; 负载大于100W时, 市电切换到逆变响应时间: 20ms			
Inverter rated power (@30°C) 逆变额定功率 (@30°C)	1600W	3200W	4500W	6200W
Instantaneous surge output power 瞬间浪涌输出功率	3200W	6000W	8000W	10000W
Inverter output voltage range 逆变输出电压等级	220VAC/230VAC/240VAC±3%			
Inverter output frequency range 逆变输出频率等级	50Hz/60Hz±0.2%			
Output voltage waveform 输出电压波形	Pure Sine Wave 纯阻性负载			
Output voltage THD 输出电压总谐波畸变率	<3%(Pure Resistive Load 纯阻性负载)			
Full load efficiency 满载效率	92%			
Maximum inverter efficiency 最大逆变效率	94%			
Grid-connected power 并网功率	1600W	2500W	3500W	4500W
With anti-reverse flow 是否带防逆流	YES			
Maximum PV input current PV最大输入电流	18A		27A	
Maximum PV input oower PV最大输入功率	1600W	3500W	5000W	7000W
MPPT optimal operating voltage MPPT最佳工作电压	360VDC			
MPPT voltage range MPPT电压范围	45VDC~450VDC			
Maximum PV charging current PV最大充电电流	60A	100A	80A	100A
Maximum MPPT efficiency MPPT最大效率	≥99%			
Battery rated voltage 蓄电池额定电压	24VDC		48VDC	
Battery operating voltage range 蓄电池工作电压范围	21VDC~30VDC		42VDC~60VDC	
Maximum battery charging current 蓄电池最大充电电流	60A	100A	80A	100A
No-load loss 空载损耗	25W			
Operating temperature 工作环境温度	-10°C~50°C(>35°C Derated Operation 降额运行)			
Storage ambient temperature 储存环境温度	-20°C~60°C			
IP rating 防护等级	IP30			
Relative humidity 相对湿度	<95% RH, Non-condensing 不结露			
Product size 产品尺寸	355x260x100mm		405x330x120mm	
N.W 净重	4455g		8323g	
G.W 毛重	4890g		8856g	
Means 箱规	420x350x170mm		465x42x19mm	

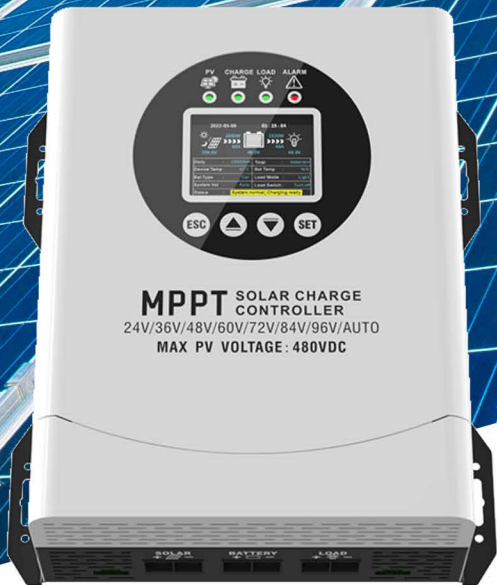
MAX PV VOLTAGE:

480VDC



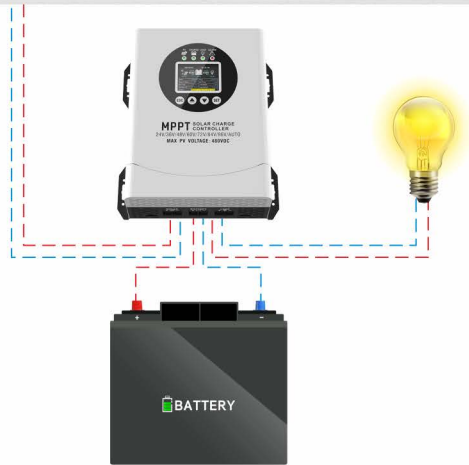
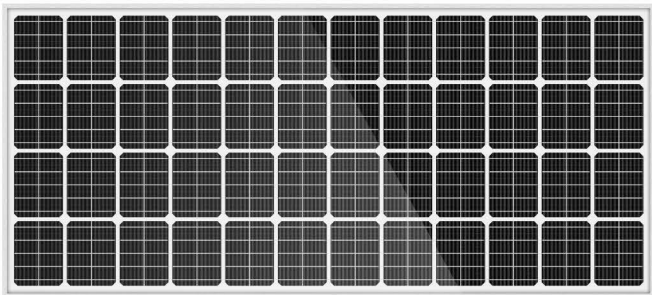
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MPPT 太阳能充电控制器
MPPT SOLAR CHARGE CONTROLLER



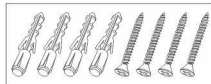
Model:
QM-60 / QM-120

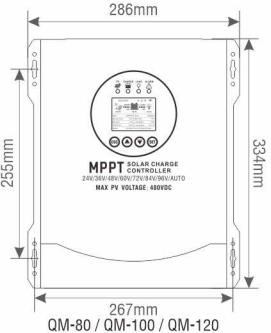
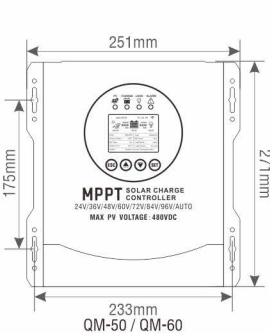
50A / 60A
80A / 100A / 120A
...



- MPPT tracks, efficiency up to 99.9%
MPPT追踪效率高达99.9%
- Current and power limiting protection
电流和功率限制保护
- Temperature protection
温度保护
- Short circuit protection
短路保护
- Overheat protection
过热保护
- Supports multiple battery types
支持多种电池类型
- LCD screen
液晶屏

Product parameters 产品参数

Model 型号	QM-50	QM-60	QM-80	QM-100	QM-120
System voltage 系统电压	24V/36V/48V/60V/72V/84V/96V/192V/Auto 自适应				
Battery type 电池类型	FLD/GEL/SLD/LI/USER 自定义				
No-load loss 空载损失	≤0.4W				
Max solar input voltage 最大太阳能输入电压	480V(25℃), 460V(-25℃)				
Battery voltage 电池电压	20-192V				
Max power point voltage range 最大功率点电压范围	Battery voltage 电池电压+2V - 400V				
Rated charging current 额定充电电流	50A	60A	80A	100A	120A
Rated load current 额定负载电流	40A				
Load operating mode 负载工作方式	Light control / Light control +time control / Manual control (default) / Debug mode / Normally open 光控 / 光控+时控 / 手动控制(默认) / 调试模式 / 常开				
Max photovoltaic system input power 光伏系统最大输入功率	1200W/24V	1440W/24V	1920W/24V	2400W/24V	2880W/24V
	1800W/36V	2160W/36V	2880W/36V	3600W/36V	4320W/36V
	2400W/48V	2880W/48V	3840W/48V	4800W/48V	5760W/48V
	3000W/60V	3600W/60V	4800W/60V	6000W/60V	7200W/60V
	3600W/72V	4320W/72V	5760W/72V	7200W/72V	8640W/72V
	4200W/84V	5040W/84V	6720W/84V	8400W/84V	10080W/84V
	4800W/96V	5760W/96V	7680W/96V	9600W/96V	11520W/96V
Conversion efficiency 转换效率	≤98%				
MPPT tracking efficiency 最大功率追踪效率	>99%				
Temperature compensation factor 温度补偿系数	-2mv/(℃/2V) (default 默认)				
Operating temperature 工作温度	-10℃ ~+65℃				
Waterproof grade 防水等级	IP21				
N.W 净重	4.2kg		6.2kg		
G.W 毛重	4.5kg		6.5kg		
Electromagnetic compatibility 电磁兼容性	EN61000, EN55022, EN55024				
Communication method 通讯方式	RS485 (valinnainen 可选) /WiFi (valinnainen 可选)				
Altitude 海拔高度	≤3000m				
Product size 产品尺寸	251x105x271mm		286x105x334mm		
Packing list 装箱单	 Product 产品 x1		 User Manual 说明书 x1		 Screw bag 螺丝包 x1



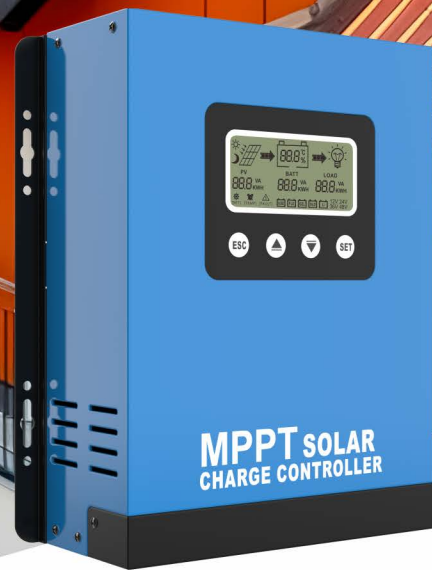
MAX PV VOLTAGE:

160VDC



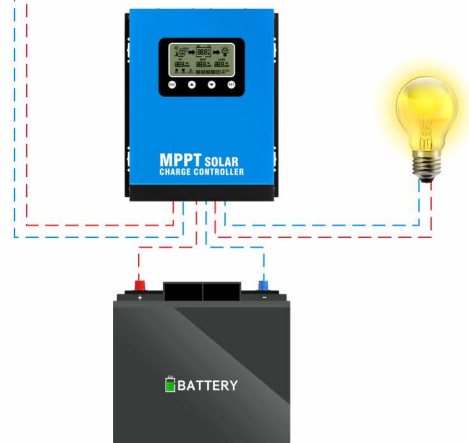
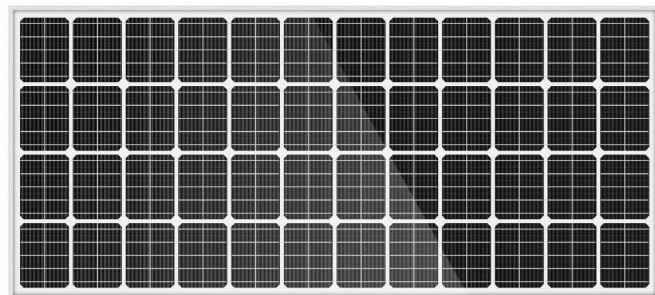
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MPPT 太阳能充电控制器 SOLAR CHARGE CONTROLLER



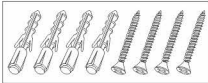
Model:
GM-40/GM-60/GM-120

40A / 50A / 60A
80A / 100A / 120A
...



- MPPT tracks, efficiency up to 99.9%
MPPT追踪效率高达99.9%
- Current and power limiting protection
电流和功率限制保护
- Temperature protection
温度保护
- Short circuit protection
短路保护
- Overheat protection
过热保护
- Supports multiple battery types
支持多种电池类型
- LCD screen
液晶屏

Product parameters 产品参数

Model型号	GM-40	GM-50	GM-60	GM-80	GM-100	GM-120
System voltage 系统电压	12V/24V/36V/48V/Auto自适应					
Battery type 电池类型	FLD/GEL/SLD/LI/USER自定义					
No-load loss 空载损失	≤0.4W					
Max solar input voltage 最大太阳能输入电压	160V(25℃), 150V(-25℃)					
Battery voltage 电池电压	9-64V					
Max power point voltage range 最大功率点电压范围	Battery voltage电池电压+2V - 150V					
Rated charging current 额定充电电流	40A	50A	60A	80A	100A	120A
Rated load current 额定负载电流	20A			60A		
Load operating mode 负载工作方式	Light control / Light control +time control / Manual control (default) / Debug mode / Normally open 光控 / 光控+时控 / 手动控制(默认) / 调试模式 / 常开					
Max photovoltaic system input power 光伏系统最大输入功率	480W/12V 960W/24V 1440W/36V 1920W/48V	600W/12V 1200W/24V 1800W/36V 2400W/48V	720W/12V 1440W/24V 2160W/36V 2880W/48V	960W/12V 1920W/24V 2880W/36V 3840W/48V	1200W/12V 2400W/24V 3600W/36V 4800W/48V	1440W/12V 2880W/24V 4320W/36V 5760W/48V
Conversion efficiency 转换效率	≤98%					
MPPT tracking efficiency 最大功率追踪效率	>99%					
Temperature compensation factor 温度补偿系数	-2mv/(℃/2V) (default 默认)					
Operating temperature 工作温度	-10℃ ~+65℃					
Waterproof grade 防水等级	IP21					
N.W 净重	1.9kg	2.65kg		4kg	4.3kg	
G.W 毛重	2.1kg	2.9kg		4.3kg	4.6kg	
Electromagnetic compatibility 电磁兼容性	EN61000, EN55022, EN55024					
Communication method 通讯方式	RS485 (valinnainen可选) /WiFi (valinnainen可选)					
Altitude 海拔高度	≤3000m					
Product size 产品尺寸	237x178x82mm	265x231x91mm		336x267x118mm		
Packing list 装箱单	 Product 产品 x1  User Manual 说明书 x1  Screw bag 螺丝包 x1					

Each type of battery parameter table 各型号电池参数表

Battery Type 电池类型	GEL	SLD	FLD	USER 自定义	LI
System Volt 系统电压	Auto 自适应	Auto 自适应	Auto 自适应	12V/24V/36V/48V/Auto 自适应	12V/24V/36V/48V
EQU	14.2V	14.6V	14.8V	---	---
BST	14.2V	14.4V	14.6V	---	---
FLD	13.8V	13.8V	13.8V	Defined by GEL 由GEL定义	
LRV	12.6V	12.6V	12.6V		
LDV	11.1V	11.1V	11.1V		

最大光伏板电压:
MAX PV VOLTAGE:
160VDC

MPPT 太阳能充电控制器 SOLAR CHARGE CONTROLLER



Scan code for details
扫码查看详情



Model:
CM-60 / CM-120

40A / 50A / 60A
80A / 100A / 120A
...



MPPT tracks, efficiency up to 99.9%
MPPT追踪效率高达99.9%



Current and power limiting protection
电流和功率限制保护



Temperature protection
温度保护



Short circuit protection
短路保护



Overheat protection
过热保护



Supports multiple battery types
支持多种电池类型



LCD screen
液晶屏



CM/R Series



CM/D Series

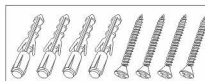


CM/3 Series



CM/S Series

Product parameters 产品参数

Model型号	CM-40	CM-50	CM-60	CM-80	CM-100	CM-120
System voltage 系统电压	12V/24V/36V/48V/Auto 自适应					
Battery type 电池类型	FLD/GEL/SLD/LI/USER 自定义					
No-load loss 空载损失	≤0.4W					
Max solar input voltage 最大太阳能输入电压	160V(25°C), 150V(-25°C)					
Battery voltage 电池电压	9-64V					
Max power point voltage range 最大功率点电压范围	Battery voltage 电池电压+2V - 150V					
Rated charging current 额定充电电流	40A	50A	60A	80A	100A	120A
Rated load current 额定负载电流	20A			60A		
Load operating mode 负载工作方式	Light control / Light control +time control / Manual control (default) / Debug mode / Normally open 光控 / 光控+时控 / 手动控制(默认) / 调试模式 / 常开					
Max photovoltaic system input power 光伏系统最大输入功率	480W/12V 960W/24V 1440W/36V 1920W/48V	600W/12V 1200W/24V 1800W/36V 2400W/48V	720W/12V 1440W/24V 2160W/36V 2880W/48V	960W/12V 1920W/24V 2880W/36V 3840W/48V	1200W/12V 2400W/24V 3600W/36V 4800W/48V	1440W/12V 2880W/24V 4320W/36V 5760W/48V
Conversion efficiency 转换效率	≤98%					
MPPT tracking efficiency 最大功率追踪效率	>99%					
Temperature compensation factor 温度补偿系数	-2mv/(°C/2V) (default 默认)					
Operating temperature 工作温度	-10°C ~+65°C					
Waterproof grade 防水等级	IP21					
N.W 净重	1.36kg			2.9kg		
G.W 毛重	1.54kg			3.15kg		
Electromagnetic compatibility 电磁兼容性	EN61000, EN55022, EN55024					
Communication method 通讯方式	RS485 (valinnainen 可选) /WiFi (valinnainen 可选)					
Altitude 海拔高度	≤3000m					
Product size 产品尺寸	242x188x67mm			313x225x105mm		
Packing list 装箱单	 Product 产品 x1  User Manual 说明书 x1  Screw bag 螺丝包 x1					

最大光伏板电压:
MAX PV VOLTAGE:
100VDC

MPPT 太阳能充电控制器 SOLAR CHARGE CONTROLLER



Scan code for details
扫码查看详情



Model:
GM-D20/GM-D40/GM-D60

10A / 20A / 30A
40A / 50A / 60A
...

CE ENEC INMETRO

- MPPT tracks, efficiency up to 99.9%
MPPT追踪效率高达99.9%
- Current and power limiting protection
电流和功率限制保护
- Temperature protection
温度保护
- Short circuit protection
短路保护
- Overheat protection
过热保护
- Supports multiple battery types
支持多种电池类型
- LCD screen
液晶屏
- USB interface
USB接口



GM-D/N Series



GM-D/R Series



GM-D/3 Series



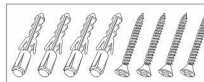
GM-D/A Series



GM-D/B Series



GM-D/C Series

Product parameters 产品参数						
Model型号	GM-D10	GM-D20	GM-D30	GM-D40	GM-D50	GM-D60
System voltage 系统电压	12V/24V/Auto 自适应					
Battery type 电池类型	FLD/GEL/SLD/LI/USER 自定义					
No-load loss 空载损失	≤0.4W					
Max solar input voltage 最大太阳能输入电压	50Vdc		100Vdc			
Battery voltage 电池电压	9-32V					
Max power point voltage range 最大功率点电压范围	Battery voltage 电池电压 +2V - 50V		Battery voltage 电池电压+2V - 100V			
Rated charging current 额定充电电流	10A	20A	30A	40A	50A	60A
Rated load current 额定负载电流	20A					
Load operating mode 负载工作方式	Light control / Light control +time control / Manual control (default) / Debug mode / Normally open 光控 / 光控+时控 / 手动控制(默认) / 调试模式 / 常开					
Max photovoltaic system input power 光伏系统最大输入功率	120W/12V 240W/24V	240W/12V 480W/24V	360W/12V 720W/24V	480W/12V 960W/24V	600W/12V 1200W/24V	720W/12V 1440W/24V
Conversion efficiency 转换效率	≤98%					
MPPT tracking efficiency 最大功率追踪效率	>99%					
Temperature compensation factor 温度补偿系数	-2mv/(°C/2V) (default 默认)					
Operating temperature 工作温度	-10°C ~+65°C					
Waterproof grade 防水等级	IP21					
N.W 净重	0.4kg		1.08kg		1.43kg	
G.W 毛重	0.52kg		1.3kg		1.65kg	
Electromagnetic compatibility 电磁兼容性	EN61000, EN55022, EN55024					
Communication method 通讯方式	RS485 (valinnainen 可选) /WiFi (valinnainen 可选)					
Altitude 海拔高度	≤3000m					
Product size 产品尺寸	237x178x82mm	265x231x91mm		336x267x118mm		
Packing list 装箱单	    Product 产品 x1 User Manual 说明书 x1 Position paper card 定位卡 x1 Screw bag 螺丝包 x1					

MAX PV VOLTAGE:
100VDC

PWM 太阳能充电控制器 SOLAR CHARGE CONTROLLER



Scan code for details
扫码查看详情



CP-M

CP-R

Model:
CP-M / CP-R

50A / 60A
80A / 100A
...



Model 型号	CP-M50 / CP-R50	CP-M60 / CP-R60	CP-M80 / CP-R80	CP-M100 / CP-R100
System voltage 系统电压	12V/24V/48V/Auto 自适应			
Battery type 电池类型	FLD/GEL/SLD/LI/USER 自定义			
No-load loss 空载损失	≤0.4W			
Max solar input voltage 最大太阳能输入电压	100Vdc			
Battery voltage 电池电压	9-64V			
Max power point voltage range 最大功率点电压范围	Battery voltage 电池电压+2V - 100V			
Rated charging current 额定充电电流	50A	60A	80A	100A
Rated load current 额定负载电流	20A			
Load operating mode 负载工作方式	Light control / Light control +time control / Manual control (default) / Debug mode / Normally open 光控 / 光控+时控 / 手动控制(默认) / 调试模式 / 常开			
USB output USB 输出	5V2A			
Max photovoltaic system input power 光伏系统最大输入功率	600W/12V 1200W/24V 2400W/48V	720W/12V 1440W/24V 2880W/48V	960W/12V 1920W/24V 3840W/48V	1200W/12V 2400W/24V 4800W/48V
MPPT tracking efficiency 最大功率追踪效率	＞99%			
Temperature compensation factor 温度补偿系数	-2mv/(°C/2V) (default 默认)			
Operating temperature 工作温度	-10°C ~+65°C			
Waterproof grade 防水等级	IP21			
N.W 净重	0.52kg		0.7kg	
G.W 毛重	0.6kg		0.8kg	
Product size 产品尺寸	184x176x53mm		234x176x67mm	

MAX PV VOLTAGE:
50VDC

BOOST TYPE MPPT 升压型 太阳能充电控制器 SOLAR CHARGE CONTROLLER



Scan code for details
扫码查看详情

Model:
SM-400 / SM-600

300W / 400W / 600W
...



Model型号	SM-300	SM-400	SM-600
Solar input voltage 太阳能输入电压	12V-50V		
Rated charging current 额定充电电流	16A	22A	33A
Max photovoltaic system input power 光伏系统最大输入功率	300W	400W	600W
Battery type 电池类型	24V/36V / 48V(Acquiesce 默认)/60V /72V/USER自定义		
Battery overcharge protection voltage 电池过充保护电压	28.8V (24V System 系统) / 43.2V (36V System 系统) / 57.6V (48V System 系统) / 72V (60V System 系统) / 86.4V (72V System 系统) / USRE 自定义		
No-load loss 空载损失	<20mA		
Conversion efficiency 转换效率	>97%		
MPPT tracking efficiency 最大功率追踪效率	>99%		
Operating temperature 工作温度	-10°C ~+65°C		
Waterproof grade 防水等级	IP65		
N.W 净重	0.35kg	0.38kg	0.48kg
G.W 毛重	0.45kg	0.5kg	0.58kg
Electromagnetic compatibility 电磁兼容性	EN61000, EN55022, EN55024		
Product size 产品尺寸	133x93x45mm	153x93x45mm	183x93x45mm

太阳能微型并网逆变器

Solar Grid Micro Inverter



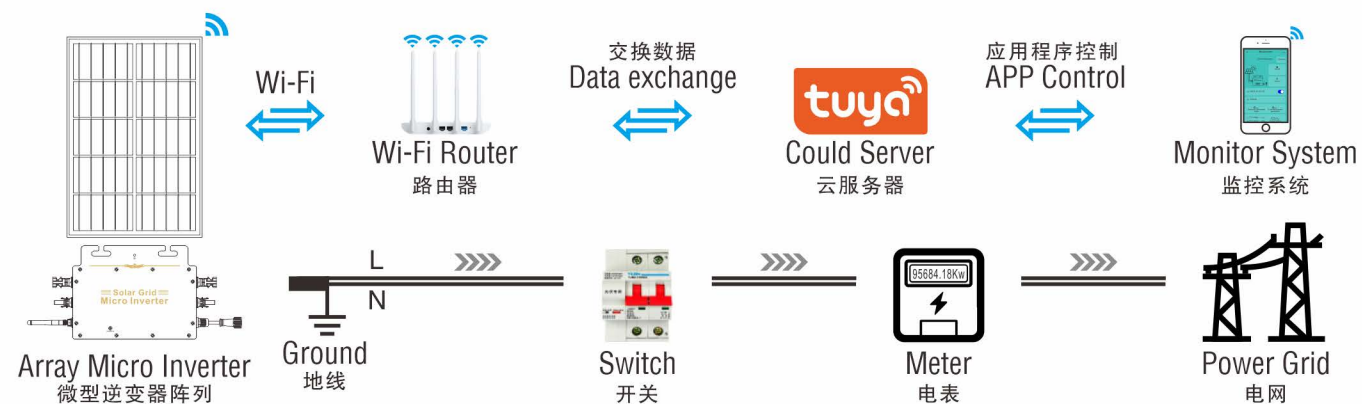
Scan code for details
扫码查看详情

Model: MI-400 / MI-800

300W / 350W / 400W
600W / 700W / 800W

MI series solar grid micro inverter, output power 800W, suitable for small power photovoltaic modules. Each solar grid micro inverter, can be connected to 2 PCS PV modules for easy on-site installation. The AC bus installation method optimizes the installation process and is a cost-effective and safe photovoltaic project solution.

MI系列太阳能并网微型逆变器, 输出功率800W, 适用于小功率光伏组件。每个太阳能并网微型逆变器, 可连接2 PCS光伏模块, 方便现场安装。交流母线安装方法优化了安装过程, 是一种经济、安全的光伏项目解决方案。



✓ Output power up to 700VA.
输出功率高达700VA。

✓ With reactive power compensation function, meet the requirements of NB/T 32004-2018.
具有无功补偿功能, 符合NB/T 32004-2018的要求。

✓ Each component is equipped with individual MPPT and data monitoring, which provides more power generation and is easier to maintain.
每个部件都配有单独的MPPT和数据监控, 发电量更大, 维护更方便。

✓ Meet the most stringent North American express requirements to make photovoltaic systems safer.
满足北美最严格的要求, 使光伏系统更安全。

✓ Each micro inverter can be connected to 2pcs components for faster installation.
每个微型逆变器可以连接2个组件, 以便更快地安装。

✓ 2.4G communication antenna external, more powerful communication capability.
2.4G通信天线外置, 通信能力更强大。

Product parameters 产品参数

Model 型号	MI-600	MI-700	MI-800
Power (W) 功率	Max 625W	Max 750W	Max 875W
Peak power MPPT voltage range 峰值功率MPPT电压范围	30-55V		
Open-voltage (V) 开路电压	18V		
Working voltage range (V) 工作电压范围	18-55V		
Max input voltage (V) 最大输入电压	55V		
Max input current (A) 最大输入电流	21A	24A	30A
Max input short-load current (A) 最大输入短负载电流	30A		
Maximum feedback current of the array (A) 阵列最大反馈电流	0		
Rated output power (W) 输出功率	600W	700W	800W
Rated output current (A) 输出电流	5.0A/2.6A	5.8A/3.0A	6.6A/3.4A
Nominal output voltage range (V) 输出电压范围	@120VAC / @230VAC Auto 自适应		
Nominal frequency/range (Hz) 输出频率范围	@50Hz: 47-53Hz / @60Hz: 57-63Hz		
Power factor 功率因数	>0.95		
Output current harmonic distortion 总谐波失真率	THD<3%		
Maximum units per branch 每个分支的最大单位数	6 PCS		
Peak Micro Inverter Efficiency 最大输出效率	93%		
Nominal MPPT efficiency 追踪效率	0.99		
Night power consumption (mW) 夜间损耗功率	<0.5W		
Ambient temperature range (°C) 工作温度范围	-20°C-65°C		
Storage temperature range (°C) 储存温度范围	-40°C-75°C		
Waterproof grade 防水等级	Outdoor Nema 3r(IP65) 户外防水		
Heat dissipation method 主动散热	Natural Convection(no Fans) 自然对流(无风扇)		
Pollution level 污染程度	Pd3		
Product size 产品尺寸	314x179x51mm		
N.W 净重	IP65: 1.75KG	IP67: 2.28KG	
G.W 毛重	IP65: 2.22KG	IP67: 2.75KG	
Means 箱规	54.5X38X24CM(6PCS)		
Packing list 装箱单	 Product 产品 x1 User Manual 说明书 x1 Cable line 电缆线 x1 Screw bag 螺丝包 x1		
Power transmission mode 动力传输方式	Reverse transmission, load priority 反向传动, 负载优先		
Guarantee 质保	5year		
Electrical standards 电磁兼容/电网扰动/电网检测	EN 50549-1:2019, EN 50549-2:2019 EN 61000-6-1:2007, EN 61000-6-3:2007 +A1:2011 +AC2012 IEC/EN 62109-1:2010, IEC/EN 62109-2:2011		

* Note: If required by a utility company, the voltage and frequency ranges can exceed the nominal values.
* 注: 如果公用事业公司要求, 电压和频率范围可以超过标称

LiFeP04 锂电池 BATTERY



Model:
QG-120W / QG-600W
QG-A / QG-B / QG-C / QG-D
10Ah / 15Ah / 30Ah / 45Ah
60Ah / 120Ah / 240Ah / 300Ah
...



- ☒

AC output
交流输出
- ☒

Reduced by two-thirds compared to traditional batteries
比传统电池减重2/3
- ☒

USB interface USB
USB输出
- ☒

Cycle Times ≥ 3000+ cycles
使用周期 ≥ 3000+ 循环次数
- ☒

DC output DC
DC输出
- ☒

Lifetime > 10 years
使用寿命 > 10年
- ☒

Voltage display
电压显示
- ☒

Stable and safety
稳定、安全



QG-120W(10Ah) QG-120W(15Ah) QG-600W(30Ah) QG-600W(45Ah)

Product parameters 产品参数

Model 型号	QG-A60AH	QG-B100AH	QG-B120AH	QG-C200AH	QG-C240AH	QG-D300AH
Nominal voltage 额定电压	12.8V					
Charge voltage 充电电压	14.6V					
Discharge protectionvoltage 放电保护电压	10.4V					
Battery Capacity 电池容量	60Ah	100Ah	120Ah	200Ah	240Ah	300Ah
Max continuous charging current 最大连续充电电流	25A	40A		70A		100A
Continuous /peak discharge 连续/峰值放电	40A/60A	60A/80A		100A/150A		150A/200A
Overcharge protection delay time 过充保护延迟时间	500-1500.00mS					
Over-discharge protection delay 过放保护延时时间	500-1500.00mS					
Discharge over current protection Current 放电过流保护电流	20A	250A		350A		500A
Discharge overcurrent protection delay 放电过流保护延时	500-1500.00mS					
Charge over current protection Current 充电过流保护电流	60A	80A		100A		150A
Charging overcurrent protection delay 充电过流保护延时	500-1500.00mS					
Discharge short-circuit protection Delay 放电短路保护延时	200~300uS					
Normal current consumption of PCM 工作状态自耗电	Max 50uA					
USB output USB输出	5V 1A					
Energy 能量	768Wh	1280Wh	1536Wh	2560Wh	3072Wh	3840Wh
Storage temperature 储存温度	-10°C-50°C (14°F-122°F)					
Weight 重量	6.1kg	9.8kg	11.6kg	17.05kg	21.7kg	27.1kg
Size 产品尺寸	276x188x230mm	385x222x253mm		470x222x253mm		539x277x258mm

Model 型号	QG-120W		QG-600W	
Energy 能量	10Ah/128Wh	15Ah/192Wh	30Ah/384Wh	45Ah/576Wh
Nominal voltage 额定电压	12.8V			
Charge voltage 充电电压	14.6V			
Discharge protectionvoltage 放电保护电压	10.4V			
Max continuous charging current 最大连续充电电流	7Ah		40Ah	
Continuous /peak discharge 连续/峰值放电	10A/15A		60A/80A	
USB output USB输出	5V 1A			
DC output DC输出	12V 3A			
Max load/inverter power 最大负载/逆变器功率	220V/120W		220V/600W	
Storage temperature 储存温度	-10°C-50°C (14°F-122°F)			
Size 产品尺寸	192x120x120mm		276×188x230mm	

LiFeP04 锂电池 BATTERY

Model:
QG-TB / QG-TC / QG-TD

12.8V / 25.6V

120Ah / 240Ah / 350Ah

...



✓ Reduced by two-thirds compared to traditional batteries
比传统电池减重2/3

✓ USB interface USB
USB输出

✓ DC output DC
DC输出

✓ Voltage display
电压显示

✓ Cycle Times ≥ 3000+ cycles
使用周期 ≥ 3000+循环次数

✓ Lifetime > 10 years
使用寿命 > 10年

✓ Stable and safety
稳定、安全



QG-TB120AH



QG-TD350AH



QG-TC120AH/25.6V

Product parameters 产品参数

Model 型号	QG-TB120AH	QG-TC240AH	QG-TD350AH	QG-TC120AH/25.6V
Nominal voltage 额定电压	12.8V			25.6V
Charge voltage 充电电压	14.6V			29.2V
Discharge protectionvoltage 放电保护电压	10.4V			20.8V
Battery Capacity 电池容量	120Ah	240Ah	350Ah	120Ah
Max continuous charging current 最大连续充电电流	40A	70A	100A	100A
Continuous /peak discharge 连续/峰值放电	60A/80A	100A/150A	150A/200A	100A/150A
Over charge detection voltage 过充保护电压	14.6±0.2V			29.2±0.2V
Over charge release voltage 过充恢复电压	13.8±0.2V			27.6±0.2V
Over charge detection delay time 过充保护延迟时间	500-1500.00mS			
Over discharge detection voltage 过放保护电压	8.8±0.2V			17.6±0.2V
Over discharge release voltage 过放恢复电压	10.8±0.2V			21.6±0.2V
Over discharge detection delay time 过放保护延迟时间	500-1500.00mS			
Discharge over current protection Current 放电过流保护电流	200A	250A	350A	500A
Discharge over current protection delay 放电过流保护延时	500-1500.00mS			
Discharge over current Release Conditions 放电过流 恢复条件	Remove load 移除负载			
Charge over current protection Current 充电过流保护电流	60A	80A	100A	150A
Charge over current protection delay 充电过流保护延时	500-1500.00mS			
Charge over current Release Conditions 充电过流 恢复条件	Remove Charge 移除充电器			
Short detection delay time 短路保护延时	200~300uS			
Judging condition 判断条件	No fire, no smoke, no smell不起火、不冒烟、无异味			
Release Conditions 恢复条件	Remove load 移除负载			
USB output USB输出	5V 1A			
Energy 能量	1536Wh	3072Wh	4480Wh	3072Wh
Storage temperature 储存温度	-10°C-50°C (14°F-122°F)			
Weight 重量	12.9kg	23.4kg	27.4kg	23.4kg
Size 产品尺寸	316x220x203mm	340x273x202mm	385x250x240mm	340x273x202mm

* Note: Product information is subject to change without further notice. This User Manual will be frequently updated; please contact customer service personnel for the latest version information.

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- ✔ Equipped with Fuma wheels, it is convenient for movement and installation, and is suitable for ground installation.
配备福马轮，便于移动和安装，支持地面安装。
- ✔ Flat design, supporting wall mounting and floor installation, saves installation space.
扁平化设计，支持壁挂和落地安装，节省安装空间。
- ✔ Cycle Times ≥ 3000+ cycles.
使用周期≥3000+循环次数。
- ✔ Big brand High-performance BMS.
大品牌·高性能BMS。
- ✔ Touch LCD screen, remote monitoring and management via APP.
触摸液晶显示屏，APP远程监测管理。
- ✔ Suitable for small households, offices, schools, etc.
适用于小家庭、办公室、学校等场所。

Product parameters 产品参数			
Model 型号	LI-6KWH/51.2V	LI-12KWH/51.2V	LI-16KWH/51.2V
Rated Voltage 标称电压	51.2V		
Over charge detection voltage 过充保护电压	58.4V		
Over charge release voltage 过充恢复电压	56V		
Over discharge detection voltage 过放保护电压	40V		
Over discharge release voltage 过放恢复电压	43.2V		
Standard Charging Current 标准充电电流	100Ah	120A	
Continuous Discharge Current 持续放电电流	150Ah		
Maximum Discharge Current 最大放电电流	200A(3S)		
Battery Type 电池类型	Lithium Battery磷酸铁锂电池		
Battery Capacity 电池容量	6KWH/51.2V120AH	12KWH/51.2V 240AH	16KWH/51.2V 314AH
Standby power consumption 待机功耗	12mW		
Automatic shutdown voltage 自动关机电压	40V		
Charge over current protection Current 充电过流保护电流	100Ah	120A	
Charging overcurrent protection delay 充电过流保护延时	3S		
Charge overcurrent protection release tine 充电过流保护解除时间	60S		
Discharge overcurrent protection delay 放电过流保护延时	300S		
Discharge over current protection Current 放电过流保护电流	1100-1700A		
Discharge overcurrent protection delay 放电过流保护延时	300S		
Discharge overcurrent protection release time 放电过流保护解除时间	60S		
Short-circuit protection delay 短路保护延时	1500S		
Short circuit protection release time 短路保护解除时间	60S		
Usage Life 使用寿命	≥4000 cycles (0.5C charging, 0.5C discharging), 80% depth of discharge ≥4000次循环（0.5C充电，0.5C放电），80%深度放电		
Storage Conditions 储存条件	3 months for a complete charge and discharge and recharge to more than 70% of the electricity 3个月进行1次完整充放电并补电至70%电量以上		
Working Temperature 工作温度	-20°C-60°C		
Optimal storage Temperature 最佳存放温度	±25°C		
Weight 重量	51.5kg	94.5kg	111.5kg
Size 产品尺寸	543x222x489mm	693x222x632mm	685x255x640mm

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LiFeP04 Battery 堆叠式储能系统

SOLAR ENERGY STORAGE SYSTEM

Model:
6.2KW 51.2V
ET-6KWH/51.2V
ET-16KWH/51.2V
120Ah 314Ah
...
CEULINMETRO



- ✔ Stacking Design, integrating a hybrid inverter and lithium iron phosphate batteries, is safe to use and has a long lifespan.
堆叠设计，集成混合逆变器和磷酸铁锂电池，使用安全，寿命长。
- ✔ Settings can be made through the keypad screen, and the operation is comfortable and easy.
通过按键屏进行设置，操作舒适简便。
- ✔ Cycle Times ≥ 3000+ cycles.
使用周期 ≥ 3000+ 循环次数。
- ✔ Big brand High-performance BMS.
大品牌 · 高性能BMS。
- ✔ Touch LCD screen, remote monitoring and management via APP.
触摸液晶显示屏，APP远程监测管理。
- ✔ Suitable for small households, offices, schools, etc.
适用于小家庭、办公室、学校等场所。

Product parameters 产品参数		
Model 型号	ET-6KWH/51.2V	ET-16KWH/51.2V
Nominal voltage 额定电压	51.2V	51.2V
Over charge detection voltage 过充保护电压	58.4V	58.4V
Discharge protectionvoltage 放电保护电压	41.6V	41.6V
Battery Capacity 电池容量	120Ah	314Ah
Energy 能量	6144Wh	16076Wh
Weight 重量	49kg	107kg
Size 产品尺寸	500x460x220mm	660x560x250mm

HYBRID SOLAR INVERTER	6.2kw Hybrid Solar Inverter
Inverter Rated Power 逆变额定功率	6200W
Grid-Connected Power 并网功率	4500W
AC power input voltage 市电输入电压	Default 180VAC-265VAC,Can be set to 100VAC-280VAC 默认电压为180 VAC-265 VAC，也可设置为100 VAC至280 VAC。
AC Input Frequency 市电输入频率	47Hz-63Hz
Maximum AC Charging Current 最大市电充电电流	60A
Inverter Output Voltage Range 逆变输出电压等级	220VAC/230VAC/240VAC±3%
Full Load Efficiency 满载效率	92%
Maximum Inverter Efficiency 最大逆变效率	94%
Maximum PV Input Current PV最大输入电流	27A
Maximum PV Input Power PV最大输入功率	7000W
Maximum PV Charging Current PV最大充电电流	100A
MPPT Optimal Operating Voltage MPPT最佳工作电压	360VDC
MPPT Voltage Range MPPT电压范围	45VDC-450VDC
No-load loss 空载损耗	25W
IP rating 防护等级	IP30
Size 产品尺寸	Solar power system: 500x460x220mm Product base: 500x460x65mm

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LiFeP04 Battery 一体机储能系统

SOLAR ENERGY STORAGE SYSTEM

Model:
ES-8KWH/51.2V
ES-16KWH/51.2V
120Ah 314Ah
...
CEULINMETRO



- ✔ Equipped with Fuma wheels, it is convenient for movement and installation, and is suitable for ground installation.
配备福马轮，便于移动和安装，支持地面安装。
- ✔ Settings can be made through the keypad screen, and the operation is comfortable and easy.
通过按键屏进行设置，操作舒适简便。
- ✔ Cycle Times ≥ 3000+ cycles.
使用周期 ≥ 3000+ 循环次数。
- ✔ Big brand High-performance BMS.
大品牌 · 高性能 BMS。
- ✔ Touch LCD screen, remote monitoring and management via APP.
触摸液晶显示屏，APP 远程监测管理。
- ✔ Suitable for small households, offices, schools, etc.
适用于小家庭、办公室、学校等场所。

Product parameters 产品参数		
Model 型号	ES-2432/8KWH	ES-4862/16KWH
Nominal voltage 额定电压	25.6V	51.2V
Over charge detection voltage 过充保护电压	29.2V	58.4V
Over charge release voltage 过充恢复电压	27.6V	56V
Over discharge detection voltage 过放保护电压	20V	40V
Over discharge release voltage 过放恢复电压	21.6V	43.2V
Standby power consumption 待机功耗	12mW	12mW
Automatic shutdown voltage 自动关机电压	20V	40V
Battery Capacity 电池容量	314Ah	314Ah
Energy 能量	8038Wh	16076Wh
Weight 重量	65kg	122.5kg
Size 产品尺寸	430x250x705mm	685x250x810mm

HYBRID SOLAR INVERTER	ES-2432/8KWH	ES-4862/16KWH
Inverter Rated Power 逆变额定功率	3200W	6200W
Grid-Connected Power 并网功率	2500W	4500W
AC power input voltage 市电输入电压	Default 180VAC-265VAC, Can be set to 100VAC-280VAC 默认电压为180VAC-265VAC，也可设置为100VAC至280VAC。	
AC Input Frequency 市电输入频率	47Hz-63Hz	
Maximum AC Charging Current 最大市电充电电流	60A	
Inverter Output Voltage Range 逆变输出电压等级	220VAC/230VAC/240VAC±3%	
Full Load Efficiency 满载效率	92%	
Maximum Inverter Efficiency 最大逆变效率	94%	
Maximum PV Input Current PV最大输入电流	18A	27A
Maximum PV Input Power PV最大输入功率	3500W	7000W
Maximum PV Charging Current PV最大充电电流	100A	
MPPT Optimal Operating Voltage MPPT最佳工作电压	360VDC	
MPPT Voltage Range MPPT电压范围	45VDC-450VDC	
No-load loss 空载损耗	25W	
IP rating 防护等级	IP30	

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LiFeP04 Battery 便携式供电系统

POWER SUPPLY SYSTEM

Model:
EL-2432/8KWH

3200W 8038Wh

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- Equipped with Fuma wheels, it is convenient for movement and installation, and is suitable for ground installation.
配备福马轮，便于移动和安装，支持地面安装。
- Settings can be made through the keypad screen, and the operation is comfortable and easy.
通过按键屏进行设置，操作舒适简便。
- Cycle Times ≥ 3000+ cycles.
使用周期≥3000+循环次数。
- Big brand High-performance BMS.
大品牌·高性能BMS。
- Touch LCD screen, remote monitoring and management via APP.
触摸液晶显示屏，APP远程监测管理。
- Suitable for long-distance trips, outdoor camping, etc.
适用于长途旅行，户外露营等。

Product parameters 产品参数	
Model型号	EL-2432/8KWH
Nominal voltage 额定电压	25.6V
Over charge detection voltage 过充保护电压	29.2V
Over charge release voltage 过充恢复电压	27.6V
Over discharge detection voltage 过放保护电压	20V
Over discharge release voltage 过放恢复电压	21.6V
Standby power consumption 待机功耗	12mW
Automatic shutdown voltage 自动关机电压	20V
Battery Capacity 电池容量	314Ah
Energy 能量	8038Wh
Weight 重量	66.5kg
Size 产品尺寸	450x335x545mm

HYBRID SOLAR INVERTER	EL-2432/8KWH
Inverter Rated Power 逆变额定功率	3200W
Grid-Connected Power 并网功率	2500W
AC power input voltage 市电输入电压	Default 180VAC-265VAC,Can be set to 100VAC-280VAC 默认电压为180 VAC-265 VAC，也可设置为100 VAC至280 VAC。
AC Input Frequency 市电输入频率	47Hz-63Hz
Maximum AC Charging Current 最大市电充电电流	60A
Inverter Output Voltage Range 逆变输出电压等级	220VAC/230VAC/240VAC±3%
Full Load Efficiency 满载效率	92%
Maximum Inverter Efficiency 最大逆变效率	94%
Maximum PV Input Current PV最大输入电流	18A
Maximum PV Input Power PV最大输入功率	3500W
Maximum PV Charging Current PV最大充电电流	100A
MPPT Optimal Operating Voltage MPPT最佳工作电压	360VDC
MPPT Voltage Range MPPT电压范围	45VDC-450VDC
No-load loss 空载损耗	25W
IP rating 防护等级	IP30

* Note: Product information is subject to change without further notice. This User Manual will be frequently updated; please contact customer service personnel for the latest version information.

* 注: 产品信息可能会随时发生变化，恕不另行通知。本用户手册会定期更新，请联系客服人员以获取最新版本信息。