

MPJ 系列 Series

产品简介

Product introduction

MPJ

太阳能充电控制器是多级最大功率点跟踪 (MPPT) 光伏电池充电控制器拥有自己的技术。与PWM控制器相比, MPPT可以提高控制精度太阳能电池板的输出功率提高5%-30%。

MPJ

The solar charge controller is a multi-level maximum power point tracking (MPPT) photovoltaic battery charge controller with its own technology. Compared with the PWM controller, the MPPT can improve the control accuracy and the output power of the solar panel can be increased by 5%-30%.



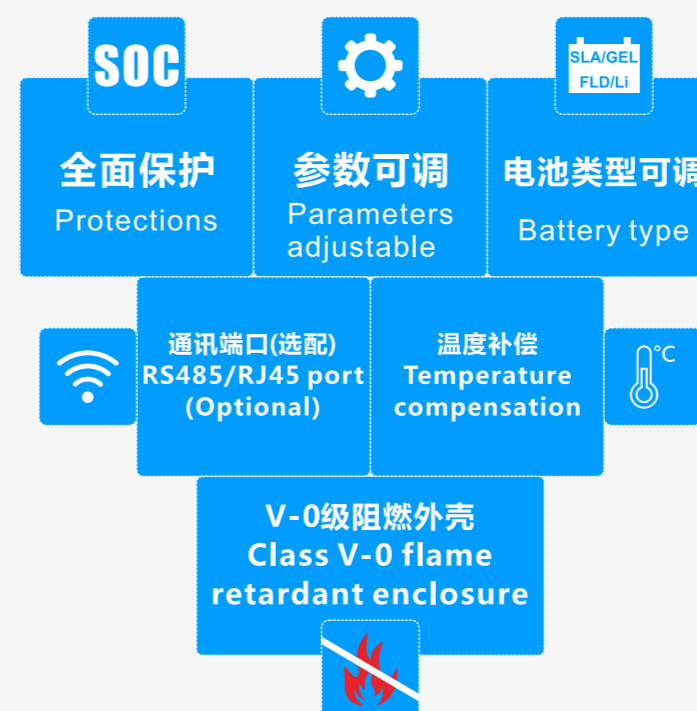
规格特点

Specification characteristics

MPPT



额定充电电压 Rated Charge Current	10A-60A
额定电压 Rated Voltage	12V/24V
系统电压 System voltage	100V



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详细参数 Product display

MPPT

型号/Model	MPJ20	MPJ40	MPJ60
Input/输入			
Maximum PV open circuit voltage 电池板最大开路电压	100V (at the lowest temperature)(最低温度下) 92V (at a standard temperature of 25°)(在25°的正常温度下)		
Minimum PV voltage/电池板最低电压	20V/40V/60V/80V		
Rated Charge Current/额定充电电压	20A	40A	60A
Output/输出			
System voltage/系统电压	12V/24V Auto		
Rated Discharge Current/额定放电电流	10A	20A	30A
Own consumption/待机损耗	≤50mA		
MPPT highest accuracy MPPT最大功率点跟踪精准度	99%		
Maximum charging efficiency 最大充电效率	97%		
Charging control mode/充电控制模式	Multi-stage(MPPT, Absorption, Float, Equalization, CV) 多阶段 (MPPT、吸收、浮动、均衡、CV)		
Float charge/浮充电压	13.8V/27.6V		
Absorption charge/欠压充电	14.4V/28.8V		
Equalization charge/均衡充电	14.6V/29.2V		
Load disconnection(LVD)/欠压保护	10.8V/21.6V		
Load reconnection(LVR)/欠压恢复	12.6V/25.2V		
Load control mode/负载控制模式	Normal, light control, light and timing control, timing control, reverse light control 正常控制、纯光控、光时控、定时控、晨亮模式		
Light control point voltage/光控点电压	5V/10V/15V/20V		
Battery Type/蓄电池类型	GEL, SLD,FLD and USR(default),Lithium batteries customization 3series 3.7V,4 series 3.7V,4series 3.2V,5series 3.2V 三元锂电池、磷酸铁锂电池、胶体电池、密封电池、开口电池		
Other/其他			
Human interface/人机界面	LCD with backlight, 2 buttons/带背光的LCD, 2个按键		
Cooling mode/散热方式	AL alloy heat sink/铝合金散热器		
Wiring/配线	High current copper terminal≤16 mm ² (3AWG)/大电流铜端接线		
Temperature probe/温度探头	built-in/内置		
Communication mode/通讯模式	RS485,RJ45 port/选配		
Working temperature range/工作环境温度	-20~+55°C		
Storage temperature range/存储环境温度	-30~+80°C		
Humidity/湿度	10%~90% No condensation/无凝露		

Note: Please operate at the ambient temperature allowed by the controller. If the ambient temperature exceeds the allowable range of the controller, please derate it
注：请在控制器允许的环境温度下操作。如果环境温度超过控制器的允许范围，请勿强行让它工作！

包装信息 Packaging information



MPJ20			
产品尺寸 Product size	175 x 145 x 47mm	24PCS	每箱数量 Set/Carton
安装孔距 Mounting hole spacing	108*120mm-∅5	16.1Kg	每箱重量 Weight/Carton
净重/N.W	0.6Kg	530 x 395 x 175mm	外箱尺寸 Measurement
毛重/G.W	0.65Kg	0.04CBM	外箱体积 Volume/Carton

MPJ40			
产品尺寸 Product size	215 x 145 x 75mm	12PCS	每箱数量 Set/Carton
安装孔距 Mounting hole spacing	130*130mm-∅5	18.5Kg	每箱重量 Weight/Carton
净重/N.W	1.3Kg	600 x 500 x 235mm	外箱尺寸 Measurement
毛重/G.W	1.5Kg	0.07CBM	外箱体积 Volume/Carton

MPJ60			
产品尺寸 Product size	260 x 190 x 85mm	6PCS	每箱数量 Set/Carton
安装孔距 Mounting hole spacing	180*214mm-∅5	16Kg	每箱重量 Weight/Carton
净重/N.W	2.3Kg	670 x 325 x 265mm	外箱尺寸 Measurement
毛重/G.W	2.5Kg	0.06CBM	外箱体积 Volume/Carton