

Series MPK

系列

MPPT



30A-100A Rated charge current 额定充电电流
12V/24V/36V/48V Auto 自动识别
150V System voltage 系统电压

功能介绍

Function introduction



全面保护
Protections



电池种类可选
Battery type



工作参数可调
Parameters adjustable



LCD显示
LCD display



按键操作
Button mode



温度补偿
Temperature compensation



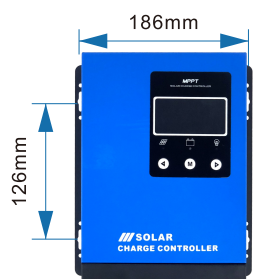
通讯端口(选配)
RS485/RJ45 port
(Optional)



产品规格

Product specification

MPPT



安装孔距— $\varnothing 5$
Mounting hole Size



MPK40

额定电压	额定充电电流	产品尺寸	Rated Voltage	Rated Charge Current	Product size
12V/24V/36V/48V 自动识别	30A/40A	220×200×83 mm	12V/24V/36V/48V Auto	30A/40A	220×200×83 mm



安装孔距— $\varnothing 5$
Mounting hole Size



MPK60

额定电压	额定充电电流	产品尺寸	Rated Voltage	Rated Charge Current	Product size
12V/24V/36V/48V 自动识别	50A/60A	265×220×88 mm	12V/24V/36V/48V Auto	50A/60A	265×220×88 mm



安装孔距— $\varnothing 5$
Mounting hole Size



**MPK80
MPK100**

额定电压	额定充电电流	产品尺寸	Rated Voltage	Rated Charge Current	Product size
12V/24V/36V/48V 自动识别	80A/100A	340×240×108 mm	12V/24V/36V/48V Auto	80A/100A	340×240×108 mm

包装信息

Packaging information

MPPT

MPK40

基本参数/Specification	30A-40A
每箱数量/Set/Carton	8PCS
每箱重量/Weight/Carton	23Kg
包装尺寸/Measurement	590×480×300mm
外箱体积/Volume/Carton	0.08CBM



MPK60

基本参数/Specification	50A-60A
每箱数量/Set/Carton	4PCS
每箱重量/Weight/Carton	15Kg
包装尺寸/Measurement	510×340×320mm
外箱体积/Volume/Carton	0.06CBM



MPK80

基本参数/Specification	80A-100A
每箱数量/Set/Carton	4PCS
每箱重量/Weight/Carton	18.5Kg
包装尺寸/Measurement	565×435×375mm
外箱体积/Volume/Carton	0.09CBM



详细参数



Product display

型号/Model	MPK40	MPK60	MPK80	MPK100		
输入参数/Input						
最大输入电压/ Maximum PV open circuit voltage	在最低温度下150V,在标准温度 25°中138V 150V (at the lowest temperature) ,138V (at a standard temperature of 25°)					
最小光伏电压/Minimum PV voltage	20V/40V/60V/80V					
额定充电电流/Rated Charge Current	30A	40A	50A	60A	80A	100A
输出参数/Output						
系统电压/System voltage	12V/24V/36V/48V 自动识别/Auto					
额定放电电流 Rated Discharge Current	15A	20A	25A	30A	40A	50A
自损耗/Own consumption	≤35mA(48V)					
最高精度/MPPT highest accuracy	99%					
最大充电效率 Maximum charging efficiency	97%					
充电控制模式 Charging control mode	多阶段 (MPPT, 吸收, 浮动, 均衡, CV) Multi-stage(MPPT, Absorption, Float,Equalization,CV)					
浮充/Float charge	13.8V/27.6V/41.4V/55.2V					
吸收/Absorption charge	14.4V/28.8V/43.2V/57.6V					
均衡/Equalization charge	14.6V/29.2V/43.8V/58.4V					
欠压保护/Load disconnection (LVD)	10.8V/21.6V/32.4V/43.2V					
欠压恢复/Load reconnection (LVR)	12.6V/25.2V/37.8V/50.4V					
负载控制方式/Load control mode	正常时控、光控、光时控、定时控制、反向光控 Normal, light control, light and timing control, timing control, reverse light control					
光控点电压/Light control point voltage	5V/10V/15V/20V					
电池类型/Battery Type	胶体电池,铅酸免维护,铅酸液体和用户定义,锂电池 3串 3.7V, 4 串 3.7V, 4串 3.2V, 5串 3.2V GEL, SLD,FLD and USER(default),Lithium batteries customization 3series 3.7V,4 series 3.7V,4series 3.2V,5series 3.2V					
其他参数/Other						
人机界面/Human interface	带背光的彩色 LCD , 3 个按钮/Color LCD with backlight, 3 buttons					
散热方式/Cooling mode	铝合金散热片及散热风扇/AL alloy heat sink and cooling fan					
接线/Wiring	大电流铜端子≤25 mm ² /High current copper terminal≤25 mm ² (3AWG)					
温度探头/Temperature probe	长度3米/line length 3 meters					
远程通讯方式/Communication mode	RS485,RJ45 port					
工作温度范围 Working temperature range	-20~+55°C					
储存环境温度 Storage temperature range	-30~+80°C					
湿度/Humidity	10%~90% 无凝露/No condensation					
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，请降低温度 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						