系列
Series

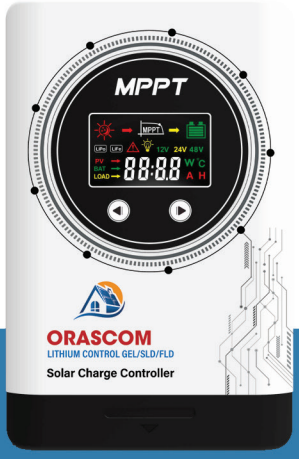
ORASCOM
SOLAR POWER SYSTEM

MPPT

ORASCOM 4048

ORASCOM 6048

ORASCOM 8048



开路电压	Open circuit voltage	<150V
系统电压	System voltage	12V/24V/36V/48V
额定充电电流	Rated Charge Current	30A-100A

功能介绍
Function introduction

MPPT

SOC
全面保护
Protections

工作参数可调
Parameters adjustable

强制风冷散热
Forced air cooling

按键操作
Button mode

LCD
LCD彩显
LCD Color display

温度补偿
Temperature compensation

支持蓝牙通讯
(内置选配)
Support Bluetooth communication (built in optional)

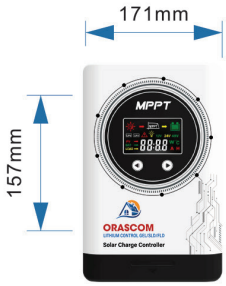
产品规格

ORASCOM SOLAR POWER SYSTEM

MPPT

Product specification

ORASCOM 4048



安装孔距—∅5
Mounting hole Size

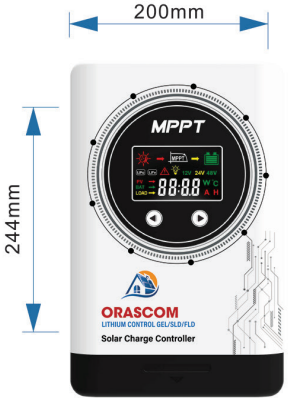
额定电压	额定充电电流	产品尺寸	Rated Voltage	Rated Charge Current	Product size
12V/24V/36V/48V 自动识别	30A/40A	240x181x80 mm	12V/24V/36V/48V Auto	30A/40A	240x181x80 mm

ORASCOM 6048

安装孔距—∅5
Mounting hole Size

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	265x192x110 mm	12V/24V/36V/48V Auto	50A/60A	265x192x110 mm

ORASCOM 8048



安装孔距—∅5
Mounting hole Size

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	294x212x120 mm	12V/24V/36V/48V Auto	80A/100A	294x212x120 mm

包装信息

Packaging information

ORASCOM
SOLAR POWER SYSTEM

ORASCOM 4048

基本参数/Specification	30A/40A
每箱数量/Set/Carton	12PCS
每箱重量/Weight/Carton	19.5Kg
包装尺寸/Measurement	590×430×390mm
外箱体积/Volume/Carton	0.1CBM

ORASCOM 6048

基本参数/Specification	50A/60A
每箱数量/Set/Carton	6PCS
每箱重量/Weight/Carton	15Kg
包装尺寸/Measurement	495×445×330mm
外箱体积/Volume/Carton	0.07CBM

ORASCOM 8048

基本参数/Specification	80A/100A
每箱数量/Set/Carton	6PCS
每箱重量/Weight/Carton	18Kg
包装尺寸/Measurement	510×485×355mm
外箱体积/Volume/Carton	0.08CBM

详细参数

ORASCOM SOLAR POWER SYSTEM

MPPT

Product display

型号/Model		ORASCOM 40		ORASCOM 60		ORASCOM 80	
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
PV maximum input power 光伏板最大输入功率	12V	390W	520W	650W	780W	1040W	1300W
	24V	780W	1040W	1300W	1560W	2080W	2600W
	36V	1170W	1560W	1950W	2340W	3120W	3900W
	48V	1560W	2080W	2600W	3120W	4160W	5200W
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		20A		30A		40A	40A
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，2 个按钮/Color LCD with backlight, 2 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 mm²/High current copper terminal≤25 mm² (3AWG)					
温度探头/Temperature probe		长度3米/line length 3 meters					
Communication mode 通讯模式		Bluetooth optional 蓝牙选配					
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							