



开路电压  
系统电压  
额定充电电流

Open circuit voltage  
System voltage  
Rated Charge Current

<100V  
12V/24V/36V/48V  
10A-80A

## 功能介绍

Function introduction



PWM



40A-80A  
支持蓝牙通讯  
(内置可选)



工作参数可调  
Parameters adjustable



按键操作  
Button mode

40A-80A  
Support Bluetooth  
communication  
(built in optional)



全面保护  
Protections



温度补偿  
Temperature compensation



LCD显示  
LCD display



USB 输出  
USB Output



# 产品规格

## Product specification



安装孔距— $\varnothing 5$   
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	10A/20A	168×88×36 mm	12V/24V/36V/48V Auto	10A/20A	168×88×36 mm



安装孔距— $\varnothing 5$   
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	200×106×47 mm	12V/24V/36V/48V Auto	30A/40A	200×106×47 mm



安装孔距— $\varnothing 5$   
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	200×132×62 mm	12V/24V/36V/48V Auto	50A/60A	200×132×62 mm
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	70A/80A	200×132×72 mm	12V/24V/36V/48V Auto	70A/80A	200×132×72 mm

# 包装信息

## Packaging information



### VT20

基本参数/Specification	10A	20A
每箱数量/Set/Carton	50	
每箱重量/Weight/Carton	18Kg	
包装尺寸/Measurement	53.5×38×24CM	
外箱体积/Volume/Carton	0.048CBM	



### VT40

基本参数/Specification	30A	40A
每箱数量/Set/Carton	40	
每箱重量/Weight/Carton	21Kg	
包装尺寸/Measurement	60×44.5×23.5CM	
外箱体积/Volume/Carton	0.062CBM	



### VT60

基本参数/Specification	50A	60A
每箱数量/Set/Carton	24	
每箱重量/Weight/Carton	17.5Kg	
包装尺寸/Measurement	58.5×44.5×22.5CM	
外箱体积/Volume/Carton	0.058CBM	



### VT80

基本参数/Specification	70A	80A
每箱数量/Set/Carton	24	
每箱重量/Weight/Carton	23Kg	
包装尺寸/Measurement	58.5×44.5×25.5CM	
外箱体积/Volume/Carton	0.066CBM	



# 详细参数

# PWM

## Product display

型号/Model	VT20	VT40	VT60	VT80					
Input/输入									
Maximum PV open circuit voltage 电池板最大开路电压	<100V								
System voltage 系统电压	12V/24V/36V/48V Auto								
Rated Charge Current 额定充电电流	10A	20A	30A	40A	50A	60A	70A	80A	
PV maximum input power 光伏板最大输入功率	12V	130W	260W	390W	520W	650W	780W	910W	1040W
	24V	260W	520W	780W	1040W	1300W	1560W	1820W	2080W
	36V	390W	780W	1170W	1560W	1950W	2340W	2730W	3120W
	48V	520W	1040W	1560W	2080W	2600W	3120W	3640W	4160W
Charging control mode 充电控制模式	PWM								
Float charge 浮充电压	13.8V/27.6V//41.4V/55.2V								
Absorption charge 欠压充电	14.4V/28.8V/43.2V/57.6V								
Equalization charge 均衡充电	14.6V/29.2V/43.8V/58.4V								
Load disconnection(LVD) 欠压保护	10.7V/21.4V/32.1V/42.8V								
Load reconnection(LVR) 欠压恢复	12.6V/25.2V/37.8V/50.4V								
Working temperature range 工作环境温度	-20~+55°C								
Temperature Compensation 温度补偿	-24mV/°C for 12V system								
Battery Type 蓄电池类型	GEL, SLD,FLD Lithium batteries ,customization 三元锂电池、磷酸铁锂电池、 胶体电池、密封电池、开口电池								
Load control mode 负载控制模式	24hours working control light control light and dual time control 全天模式，光控模式，反向光控模式，双时段控制模式								