

## CF4820Y / CF4850Y



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**0占地**

挂杆/墙/塔多样安装  
省占地租金



**快部署**

1小时快速安装  
节省80%安装时间



**高安全**

P65级防尘防水  
集成室外级防雷



**免维护**

无风扇设计，自然散热  
室外环境适应，生命周期内免日常维护



**宽温域**

-40°C到+55°C温度环境工作

型号	CF4820Y		CF4850Y	
链接方式	1P15S	1P16S	1P15S	1P16S
额定能量	960Wh	1024Wh	2400Wh	7680Wh
额定容量	20Ah	20Ah	50Ah	150Ah
额定电压	48V	51.2V	48V	51.2V
电压范围	42~52.5V	43.2~56.8V	42~52.5V	43.2~56.8V
充电电流	20A	20A	50A	75A
放电电流	20A	20A	50A	150A
工作温度	充电：0~50°C；放电：-20~55°C；存储：-30~45°C			
自放电率	≤3% (0~30°C/3个月)			
产品尺寸	400*120*290mm		420*300*190mm	
产品重量	13.5Kg	14Kg	29Kg	30Kg
寿命	3000次 @80%DOD, 0.5C/0.5C			
通讯接口	RS485/RS232/CAN			
充电限流功能	具备在检测到电芯：电压低、电压高、温度低、温度高、一致性差，充电过流保护时自动进入限流充电			
电压采集精度	0~5V, 检测精度≤10mV；0~60V检测精度≤0.5%			
电流采集精度	检测精度≤1% (0.5C充放电)			
防盗功能	可具备软件防盗、通讯防盗、陀螺仪防盗等功能			



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### No Need Space

Various installations of hanging poles/walls/towers Saving space



### Rapid Deployment

In 1 hour installation Installation time saved by 80%



### Higher Security

P65 dustproof and waterproof integrated outdoor anti-thunder protection



### Maintenance Free

Fanless design, natural heat dissipation Outdoor environment adaptation, no daily maintenance during the life cycle



### Widely Temperature Range

The operating temperature ranges from -40 °C to +55 °C

Model	CF4820Y		CF4850Y	
Connection Method	1P15S	1P16S	1P15S	1P16S
Rated Energy	960Wh	1024Wh	2400Wh	7680Wh
Rated Capacity	20Ah	20Ah	50Ah	150Ah
Rated Voltage	48V	51.2V	48V	51.2V
Voltage Range	42~52.5V	43.2~56.8V	42~52.5V	43.2~56.8V
Charging Current	20A	20A	50A	75A
Discharge Current	20A	20A	50A	150A
Operating Temperature	charge: 0~50°C; discharge: -20~55°C; Storage: -30~45°C			
Self-discharging Rate	≤3% (0~30°C/3 months)			
Size	400*120*290mm		420*300*190mm	
Weight	13.5Kg	14Kg	29Kg	30Kg
Life Span	3000times @80%DOD, 0.5C/0.5C			
Communication interface	RS485/RS232/CAN			
Charging current Limit function	With the function of automatically entering the current-limiting charging mode when detecting the battery cell: low voltage, high voltage, low temperature, high temperature, poor consistency, charging over-current protection			
Voltage acquisition accuracy	0~5V, Detection accuracy ≤10mV; 0~60V Detection accuracy ≤0.5%			
Current acquisition accuracy	Detection accuracy ≤1% (0.5C charging/discharging)			
Anti-theft function	Software anti-theft, communication anti-theft, gyroscope anti-theft and other functions are optional			



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