

CF4820Y / CF4850Y



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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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