

CF4820T / CF4840T



Good performance in high-temperature environments
Natural cooling at ambient temperature <38°C, saving energy



Intelligent Protection
With voltage, current and temperature intelligent protection function



Service life
3000times@0.5C
80%DOD, 25°C



Easy for operation and maintenance
Integrated BMS design, battery supports SOC self-management、SOH management and other functions



Anti-theft function
Software anti-theft, communication anti-theft, gyroscope anti-theft and other functions are optional

Model	CF4820T		CF4840T	
Connection Method	1P15S	1P16S	1P15S	1P16S
Rated Energy	960Wh	1024Wh	1920Wh	2048Wh
Rated Capacity	20Ah	20Ah	40Ah	40Ah
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	10A	10A	20A	20A
Discharge Current	20A	20A	40A	40A
Operating Temperature	charge: 0~50°C; discharge: -20~55°C; Storage: -30~45°C			
Self-discharging Rate	≤3% (0~30°C/3 months)			
Size	440*400*44mm		440*320*88mm	
Weight	11.7Kg	12Kg	18Kg	19Kg
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			

