

CF4820T / CF4850T / CF48100T



Good performance in high-temperature environments

Natural cooling at ambient temperature <38°C, saving energy



Intelligent Protection

With voltage, current and temperature intelligent protection functions



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		CF4850T		CF48100T
Connection Method	1P15S	1P16S	1P15S	1P16S	1P15S
Rated Energy	960Wh	1024Wh	2400Wh	2560Wh	4800Wh
Rated Capacity	20Ah	20Ah	50Ah	50Ah	100Ah
Rated Voltage	48V	51.2V	48V	51.2V	48V
Voltage Range	42~52.5V	43.2~56.8V	42~52.5V	43.2~56.8V	42~52.5V
Charging Current	10A	10A	25A	25A	50A
Discharge Current	20A	20A	50A	50A	100A
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*200*88mm		440*390*88mm		440*525*88mm(19inch) 492*525*88mm(21inch)
Weight	12Kg	12.3Kg	24Kg	25Kg	42Kg(19inch) 42.5Kg(21inch)
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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