

EMBEDDED SERIES 3U

CF4875T / CF48100T / CF48140T



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

3000 times @ 0.5 C
80 % DOD 25



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	CF4875 T	CF 48100 T		CF 48150 T
Connection method	1P15S	1P15S	1P15S	1P16S
Rated energy	3600 Wh	4800 Wh	5120 Wh	7680 Wh
Rated capacity	75 Ah	100 Ah	100 Ah	150 Ah
Rated voltage	48 V	48 V	51.2 V	51.2 V
Voltage range	42 ~ 52.5 V	42 ~ 52.5 V	43.2 ~ 56.8 V	43.2 ~ 56.8 V
Charging current	35 A	50 A	50 A	75 A
Discharge current	75 A	100 A	100 A	150 A
Operating temperature	Charge: 0 ~ 50 °C; discharge: -20 ~ 55 °C; storage: -30 ~ 45 °C			
Self-charging rate	≤ 3 % (0 ~ 30 °C / 3 months)			
Size	440 x 370 x 130 mm	440 x 420 x 130 mm		440 x 525 x 130 mm
Weight	30 kg	41 kg	43 kg	56 kg
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 ~ 5 V detection accuracy ≤ 10 mV; 0 ~ 60 V detection accuracy ≤ 0.5 %			
Current acquisition accuracy	Detection accuracy ≤ 1%; 0.5 C charging/discharging			
Anti-theft function	Software anti-theft, communication anti-theft, gyroscope anti-theft and other functions are optional			