

CF48300T

Application Fields:
Urban base stations,
remote area base
stations, emergency
communication base
stations, mobile base
stations, critical industry
base stations, high-load
base stations, and newly
constructed base
stations.



Excellent high and low temperature performance

Operates with natural cooling at ambient temperatures below 38°C, saving energy.



Intelligent protection

Equipped with intelligent voltage, current, and temperature protection functions.



Long service life

3000 cycles @ 0.5C, 80% DOD, at 25°C.



Easy maintenance

Integrated BMS design, supports battery self-management, remaining energy, battery health management, and other functions.



Anti-theft functionality

Compatible with various optional anti-theft features.

Parameters/Model	CF48300T	
Connection Method	1P15S	1P5S BMS (7S) +BMU (8S)
Rated Energy	15072Wh	15072Wh
Rated Capacity	314Ah	314Ah
Rated Voltage	48V	48V
Voltage Range	42~52.5V	42~57V
Charging Current	150A	150A
Discharging Current	150A	150A
Operating Temperature	Charging: 0~50°C; Discharging: -20~55°C; Storage: -30~45°C	
Self-Discharge Rate	≤3% (at 0~30°C for 3 months)	
Dimensions (W*D*H)	542*480*222mm/442*545*222mm	CF48300T(module A):442(±2)*460(±2)*222(±2)mm CF48300T(module B): 442(±2)*460(±2)*222(±2)mm
Weight	105Kg	51Kg+54Kg
Communication Interface	RS485/RS232/CAN	
Charging Current Limiting Function	Automatically activates current-limited charging when detecting cell conditions such as low voltage, high voltage, low temperature, high temperature, poor consistency, or overcurrent protection during charging.	
Voltage Measurement Accuracy	0~5V measurement range with accuracy ≤10mV; 0~60V measurement range with accuracy ≤0.5%	
Current Measurement Accuracy	Measurement accuracy ≤1% (at 0.5C charge/discharge)	
Anti-Theft Function	May support software-based anti-theft, communication-based anti-theft, gyroscope-based anti-theft, and other functionalities.	
Certifications	IEC62619, IEC62620, UN38.3	IEC62619, IEC62620, UN38.3



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