

CF48300T

应用领域：

城市基站、偏远地区基站、应急通信基站、移动基站、重要行业基站、高负荷基站、新建基站



高低温性能好

环境温度 < 38°C下，自然冷却，节省能源



智能保护

具有电压、电流、温度智能保护功能



使用寿命长

25°C, 3000次@0.5C



易运维

一体化BMS设计，电池支持自我管理，剩余电量、电池健康管理等功能



防盗功能

可选配多种防盗功能

参数/型号	CF48300T	
链接方式	1P15S	1P5S BMS (7S) +BMU (8S)
额定能量	15072Wh	15072Wh
额定容量	314Ah	314Ah
额定电压	48V	48V
电压范围	42~52.5V	42~57V
充电电流	150A	150A
放电电流	150A	150A
工作温度	充电:0~50°C; 放电:-20~55°C; 存储:-30~45°C	
自放电率	≤3% (0~30°C/3 个月)	
尺寸(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
重量	105Kg	51Kg+54Kg
通讯接口	RS485/RS232/CAN	
充电限流功能	具备在检测到电芯：电压低、电压高、温度低、温度高、一致性差，充电过流保护时自动进入限流充电	
电压采集精度	0~5V, 检测精度≤10mV; 0~60V检测精度≤0.5%	
电流采集精度	检测精度≤1% (0.5C充放电)	
防盗功能	可具备软件防盗、通讯防盗、陀螺仪防盗等功能	
认证	IEC62619、IEC62620、UN38.3	IEC62619、IEC62620、UN38.3



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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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