

CF48300T/CF48200T

Application Field: Urban Base Station,
Remote Area Base Station, Emergency
Communication Base Station,
Mobile Base Station,
Key Industry Base Station,
High-load Base Station,
Newly-built Base Station



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	CF48300T	CF48200T	
Connection Method	1P15S	1P15S	1P16S
Rated Energy	14400Wh	9600Wh	10240Wh
Rated Capacity	300Ah	200Ah	200Ah
Rated Voltage	48V	48V	48V
Voltage Range	42~52.5V	42~52.5V	43.5~56.8V
Charging current	150A	150A	150A
Discharge current	150A	150A	150A
Operating temperature	charge:0~50°C; discharge:-20~55°C; Storage:-30~45°C		
Self-discharging rate	≤3% (0~30°C/3 months)		
Size(W*D*H)	542*480*222mm 442*545*222mm	440*450*260mm	440*450*260mm
Weight	105Kg	83Kg	87Kg
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		
Certification	IEC62619、IEC62620、UN38.3	IEC62619、IEC62620、UL1973、UN38.3、ROHS、EMC	



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