

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 accuracys10mV; 0~60V Detection accuracys0.5%			
Current acquisition accuracy	Detection accuracys1% (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	