

CF48100T / CF48150T

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	CF48100T		CF48150T
Connection method	1P15S	1P16S	1P15S
Rated energy	4800Wh	5120Wh	7200Wh
Rated capacity	100Ah	100Ah	150Ah
Rated voltage	48V	51.2V	51.2V
Voltage range	42~52.5V	43.2~56.8V	43.2~56.8V
Charging current	50A	50A	75A
Discharge current	100A	100A	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)	440*420*130mm		440*525*130mm
Weight	41Kg	43Kg	56Kg
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、UL1973、UL9540A、UN38.3、ROHS、TLC、EMC		IEC62619、IEC62620、UL1973、UN38.3、ROHS、EMC



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