

## CF4850T / CF48100T

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	CF4850T		CF48100T
Connection method	1P15S	1P16S	1P15S
Rated energy	2400Wh	2560Wh	4800Wh
Rated capacity	50Ah	50Ah	100Ah
Rated voltage	48V	51.2V	48V
Voltage range	42~52.5V	43.2~56.8V	42~52.5V
Charging current	25A	25A	50A
Discharge current	50A	50A	100A
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*390*88mm		440*525*88mm(19 inch)/492*525*88mm(21inch)
Weight	24Kg	25Kg	42Kg(19inch)/42.5Kg(21inch)
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、UN38.3、TLC、ROHS		IEC62619、IEC62620、UL1973、UL9540A、UN38.3、ROHS、TLC、EMC



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