

## CF48100T / CF48150T

### 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	CF48100T		CF48150T
链接方式	1P15S	1P16S	1P15S
额定能量	4800Wh	5120Wh	7200Wh
额定容量	100Ah	100Ah	150Ah
额定电压	48V	51.2V	48V
电压范围	42~52.5V	43.2~56.8V	42~52.5V
充电电流	50A	50A	75A
放电电流	100A	100A	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)	440*420*130mm		440*525*130mm
重量	41Kg	43Kg	56Kg
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、UL1973、UL9540A、UN38.3、ROHS、TLC、EMC		IEC62619、IEC62620、UL1973、UN38.3、ROHS、EMC



深圳昆宇电源科技有限公司

网址: WWW.COSPOWERS.COM

地址: 深圳市宝安区燕罗街道罗田社区第三工业区广田路2号

电话: 0755-33185898

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## CF48100T / CF48150T

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	CF48100T		CF48150T
Connection Method	1P15S	1P16S	1P15S
Rated Energy	4800Wh	5120Wh	7200Wh
Rated Capacity	100Ah	100Ah	150Ah
Rated Voltage	48V	51.2V	48V
Voltage Range	42~52.5V	43.2~56.8V	42~52.5V
Charging Current	50A	50A	75A
Discharging Current	100A	100A	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)	440*420*130mm		440*525*130mm
Weight	41Kg	43Kg	56Kg
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、UL1973、UL9540A、UN38.3、ROHS、TLC、EMC		IEC62619、IEC62620、UL1973、UN38.3、ROHS、EMC



Shenzhen Coslight Power Technology Co., Ltd.

W: WWW.COSPOWERS.COM

A: No.2, Guangtian Road, No.3 Industrial Zone, Luotian Community, Yanluo Street, Baoan District, Shenzhen, Guangdong Province, P.R.C

T: +86-755-33185898

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