

CF4850T / CF48100T

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	CF4850T		CF48100T
链接方式	1P15S	1P16S	1P15S
额定能量	2400Wh	2560Wh	4800Wh
额定容量	50Ah	50Ah	100Ah
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	25A	25A	50A
放电电流	50A	50A	100A
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*390*88mm		440*530*88mm(19寸)/492*525*88mm(21寸)
重量	24Kg	25Kg	42Kg(19寸)/42.5Kg(21寸)
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、UN38.3、TLC、ROHS		IEC62619、IEC62620、UL1973、UL9540A、UN38.3



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

版权及最终解释权归深圳昆宇电源科技有限公司所有

CF4850T / CF48100T

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	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
Discharging Current	50A	50A	100A
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*390*88mm		440*530*88mm(19 inch)/ 492*525*88mm(21inch)
Weight	24Kg	25Kg	42Kg(19 inch)/42.5Kg(21 inch)
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、UN38.3、TLC、ROHS		IEC62619、IEC62620、UL1973、 UL9540A、UN38.3



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

Copyright and final interpretation rights belong to Shenzhen Coslight Power Technology Co., Ltd.