

CF4820T / CF4850T / CF48100T



高温性能好
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
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

型号	CF4820T		CF4850T		CF48100T
连接方式	1P15S	1P16S	1P15S	1P16S	1P15S
额定能量	960Wh	1024Wh	2400Wh	2560Wh	4800Wh
额定容量	20Ah	20Ah	50Ah	50Ah	100Ah
额定电压	48V	51.2V	48V	51.2V	48V
电压范围	42~52.5V	43.2~56.8V	42~52.5V	43.2~56.8V	42~52.5V
充电电流	10A	10A	25A	25A	50A
放电电流	20A	20A	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)				
产品尺寸	440*200*88mm		440*390*88mm		440*525*88mm(19寸) 492*525*88mm(21寸)
产品重量	12Kg	12.3Kg	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				



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

CF4820T / CF4850T / CF48100T



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	CF4820T		CF4850T		CF48100T
Connection Method	1P15S	1P16S	1P15S	1P16S	1P15S
Rated Energy	960Wh	1024Wh	2400Wh	2560Wh	4800Wh
Rated Capacity	20Ah	20Ah	50Ah	50Ah	100Ah
Rated Voltage	48V	51.2V	48V	51.2V	48V
Voltage Range	42~52.5V	43.2~56.8V	42~52.5V	43.2~56.8V	42~52.5V
Charging Current	10A	10A	25A	25A	50A
Discharge Current	20A	20A	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	440*200*88mm		440*390*88mm		440*525*88mm(19inch) 492*525*88mm(21inch)
Weight	12Kg	12.3Kg	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				



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.