

CF4850Y

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



0占地

挂杆/墙/塔多样安装
省占地租金



快部署

1小时快速安装
节省80%安装时间



高安全

IP65级防尘防水
集成室外级防雷



免维护

无风扇设计，自然散热，室外环境适应
生命周期内免日常维护



宽温域

-40°C到55°C温度
环境工作

参数/型号	CF4850Y	
链接方式	1P15S	1P16S
额定能量	2400Wh	2560Wh
额定容量	50Ah	50Ah
额定电压	48V	51.2V
电压范围	42~52.5V	43.2~56.8V
充电电流	50A	50A
放电电流	50A	50A
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)	420*300*190mm/420*310*120mm	
重量	29Kg	30Kg
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、UL1973、UL9540A、UN38.8、ROHS、TLC	



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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CF4850Y

Application Field: 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.



Zero footprint

Versatile installation options (pole-mounted, wall-mounted, tower-mounted) save space and rental costs



Rapid deployment

Quick installation within 1 hour, reducing installation time by 80%



High Safety

IP65 dustproof and waterproof rating, integrated outdoor-grade lightning protection



Maintenance-free

anless design with natural cooling, adaptable to outdoor environments, no routine maintenance required throughout its lifecycle



Wide temperature range

Operates in environments from -40°C to 55°C

Parameters/Model	CF4850Y	
Connection Method	1P15S	1P16S
Rated Energy	2400Wh	2560Wh
Rated Capacity	50Ah	50Ah
Rated Voltage	48V	51.2V
Voltage Range	42~52.5V	43.2~56.8V
Charging Current	50A	50A
Discharging Current	50A	50A
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)	420*300*190mm/420*310*120mm	
Weight	29Kg	30Kg
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 Sampling Accuracy	0~5V measurement range with accuracy ≤10mV; 0~60V measurement range with accuracy ≤0.5%	
Current Sampling 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、UL1973、UL9540A、UN38.8、ROHS、TLC	



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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