

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	



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