

## CF4850Y

Application Field: Urban Base Station,  
Remote Area Base Station, Emergency  
Communication Base Station,  
Mobile Base Station,  
Key Industry Base Station,  
High-load Base Station,  
Newly-built Base Station



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### No Need Space

Various installations of hanging poles/walls/towers Saving space



### Rapid Deployment

In 1 hour installation Installation time saved by 80%



### Higher Security

P65 dustproof and waterproof integrated outdoor anti-thunder protection



### Maintenance Free

Fanless design, natural heat dissipation Outdoor environment adaptation, no daily maintenance during the life cycle



### Widely Temperature Range

The operating temperature ranges from -40 °C to +55 °C

Model	CF4850Y	
Connection method	1P15S	1P16S
Rated energy	2400Wh	7680Wh
Rated capacity	50Ah	150Ah
Rated voltage	48V	51.2V
Voltage range	42~52.5V	43.2~56.8V
Charging current	50A	75A
Discharge current	50A	150A
Operating temperature	charge:0~50°C; discharge:-20~55°C; Storage:-30~45°C	
Self-discharging rate	≤3% (0~30°C/3 months)	
Size(W*D*H)	420*300*190mm	
Weight	29Kg	30Kg
Life span	3000times @80%DOD, 0.5C/0.5C	
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	
Certification	IEC62619、UL1973、UL9540A、UN38.8、ROHS、TLC	



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