

ALL IN ONE SERIES

CF 4820 Y / CF 4850 Y



Zero space

Various installations of hanging poles/walls/towers save space.



Maintenance free

Fanless design, natural heat dissipation. Outdoor environment adaption. No daily maintenance during lifetime.



Rapid deployment

An installation time of one hour saves 80 % of time.



Wide temperature range

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



Higher security

P65 dust-proof and water-proof. Integrated anti-thunder outdoor protection.

Parameters/model	CF 4820 Y		CF 4850 Y	
Connection method	1P15S	1P16S	1P15S	1P16S
Rated energy	960 Wh	1024 Wh	2400 Wh	7680 Wh
Rated capacity	20 Ah	20 Ah	50 Ah	150 Ah
Rated voltage	48 V	51.2 V	48 V	51.2 V
Voltage range	42 ~ 52.5 V	43.2 ~ 56.8 V	42 ~ 52.5 V	43.2 ~ 56.8 V
Charging current	20 A	20 A	50 A	75 A
Discharge current	20 A	20 A	50 A	150 A
Operating temperature	Charge: 0 ~ 50 °C; discharge: -20 ~ 55 °C; storage: -30 ~ 45 °C			
Self-discharging rate	≤ 3 % (0 ~ 30 °C / 3 months)			
Size	400 x 120 x 290 mm		420 x 300 x 190 mm	
Weight	13.5 kg	14 kg	29 kg	30 kg
Life span	3000 times @ 80 % DOD, 0.5 C / 0.5 C			
Communication interface	RS485 / RS323 / CAN			
Charging current limit function	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 ~ 5 V, detection accuracy ≤ 10 mV; 0 ~ 60 V detection accuracy ≤ 0.5 %			
Current acquisition accuracy	Detection accuracy ≤ 1 % (0.5 C charging / discharging)			
Anti-theft function	Software anti-theft, communication anti-theft, gyroscope anti-theft. Other functions are optional.			