

LFP Drop-in Replacements

CFE-1280S Pro / 2560S Pro / 2560SP Pro



Efficient and Flexible

- Supports up to 4 batteries connected in parallel.
- Supports external connections in series with a voltage up to 51.2 V.



Excellent Quality

- Includes active balancing function between batteries, true parallel operation with RS-485 communication.



Safe and Secure

- Stainless steel handles ensure high durability, ease of carrying, and guaranteed performance through 3,000 fatigue cycles.



Efficient Management

- High-resolution, low-power OLED displays battery power & voltage; soft switch design.

Model	CFE-1280S Pro	CFE-2560S Pro	CFE-2560SP Pro
Nominal Voltage	12.8 V	12.8 V	25.6 V
Nominal Capacity @1C	100 Ah	200 Ah	100 Ah
Charge Voltage	14.2 V	14.2 V	28.4 V
Standard Continuous Charging Current	50 A	50 A	50 A
Standard Continuous Discharging Current	100 A	100 A	100 A
Charge Current Max Continuous	60 A	60 A	60 A
Discharge Current Max Continuous	120 A	120 A	120 A
Discharge Cut-off Voltage	11.4 V	11.4 V	22.8 V
Pulse Current 5 Sec	125 A	125 A	125 A
Weight	12 kg	21 kg	21 kg
Dimensions (W × D × H)	360 × 140 × 250 mm	360 × 260 × 250 mm	360 × 260 × 250 mm
Cycle Life / Warranty	a. 3500 cycles or 5 years, whichever comes first		
	b. 1500 cycles or 2 years, whichever comes first		
Charge Operating Temperature	-10 to 70 °C		
Discharge Operating Temperature	-20 to 70 °C		
Storage Temperature	-10 to 35 °C		
Relative Humidity (RH)	0 – 95% RH (non-condensing)		
Transport	UN38.3 (tested); UN3480 as applicable		
Certificates	CE (model-dependent)		

CFE ESS Co., Ltd.

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