energy storage system

Replacement

LFP Battery Series



Efficient and flexible

- Support external connections in series with voltage up to 51.2V.
- Support external connections in parallel.

Excellent quality

- Lightweight design with wonderful looking and durable.
- Fast charge performance.
- ABS container, replace VRLA battery perfectly.

Safe and secure

- High durability, easy to carry, the cycle life over 3000 times.
- Over voltage, low voltage, over current, over temperature, low temperature and short circuit protection.

Efficient management

- Integrated hardware BMS inside.
- Independent protection for charge and discharge.
- Quick connection and insulation protection.

Model	CFE-1280 SE	CFE-2560 SE	CFE-2560 PSE	CFE-5120 SE
Nominal Voltage	12.8V	25.6V	12.8V	25.6V
Nominal Capacity @1C	100Ah	100Ah	200Ah	200Ah
Charge Voltage	14.6V	29.2V	14.6V	29.2V
Charge Current Max Continuous	50A	50A	100A	100A
Discharge Current Max Continuous	100A	100A	200A	200A
Discharge Voltage Minimum	10.4V	20.8V	10.4V	20.8V
Pulse Current 5 Sec	125A	125A	250A	250A
Weight	12kgs	20kgs	20kgs	36kgs
Dimensions L*W*H	333*176*221 mm	386*206*273 mm	386*206*273 mm	522*238*218 mm
IP Rating	IP65			
Calendar Life & Performance Guarantee [1]	3000 cycles or 3 years, whichever comes first			
Operating Temperature	Charging: 0℃ to 45℃			
	Discharging: -20℃ to 55℃			
Storage Temperature	-10~35℃			
Relative Humidity (R H)	0% ~ 95% (No Condensed Water)			
Safety Certificate	CE(IEC 62040), MSDS			
Transportation Certificate	UN3480			

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80%DOD

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