

Residential ESS

Lithium-ion Battery CFE-1280OBP



Efficient and flexible

Support 4 batteries in parallel.
Support series connection with battery voltage up to 51.2V.



Excellent quality

Batteries communicate with each other by RS485.
Battery positive terminal and negative terminals can be quickly connected.



Safe and secure

The battery shell can reach UL94 V-0 flammability level, superior protection performance.
BMS can be turned off to reduce self-consumption and extend battery life, when the battery is not in use for a long time.



Efficient management

Standard BCI Group size.
Bluetooth APP can monitor the status of the battery at any time (optional).
Innovative heating technology to optimize low-temperature charging / discharging performance and extend the service life (optional).

Model	CFE-1280BP
Nominal Voltage	12.8V
Nominal Capacity @1C	100Ah
Charge Voltage	14.6V
Charge Current Max Continuous	50A
Discharge Current Max Continuous	100A
Discharge Voltage Minimum	10.4V
Pulse Current 5 Sec	125A
Weight	12.3kgs±0.5kgs
Dimensions L*W*H	330*170*214 mm
Calendar Life & Performance Guarantee [1]	4000 cycles or 5 years, whichever comes first
Operating Temperature	Charging: 0°C to 45°C
	Discharging: -10°C to 55°C
Storage Temperature	-10~35°C
Relative Humidity (R H)	0% ~ 95% (No Condensed Water)

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