

# CFE - 640S / 1280S / 1280SP / 2560S / 2560SP / 5120S





## Advantages of CFE - 640S / 1280S / 1280SP / 2560S / 2560SP / 5120S

- OLED power display screen and switch buttons
- Rugged stainless steel body with good looking
- High protection level IP65
- Quick connection and insulation protection
- Stainless steel handles guarantees 3000 fatigue tests
- Support external connections in series with voltage up to 51.2V

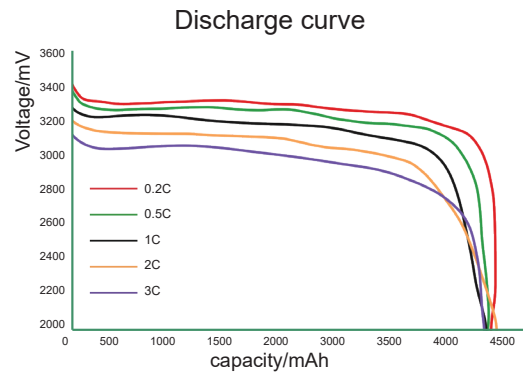
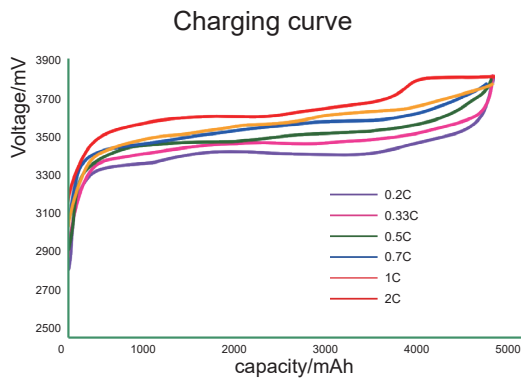
# Specification parameters

Index	Spec		
Model	CFE-640S	CFE-1280S	CFE-1280SP
Nominal Voltage	12.8V	12.8V	25.6V
Nominal Capacity @1C	50Ah	100Ah	50Ah
Charge Voltage	14.8V	14.8V	29.6V
Charge Current Max Continuous	25A	50A	25A
Discharge Current Max Continuous	50A	100A	50A
Discharge Voltage Minimum	10.8V	10.8V	21.6V
Pulse Current 5 Sec	75A	150A	65A
Weight	6.7kg±0.5kg	12.3kg±0.5kg	12.3kg±0.5kg
Dimensions L*W*H (mm)	180*140*210	320*140*210	320*140*210
Calendar Life & Performance Guarantee <sup>[1]</sup>	a. 3500 cycles or 5 years , whichever comes first b. 1500 cycles or 2 years , whichever comes first		

Index	Spec		
Model	CFE-2560S	CFE-2560SP	CFE-5120S
Nominal Voltage	12.8V	25.6V	25.6V
Nominal Capacity @1C	200Ah	100Ah	200Ah
Charge Voltage	14.8V	29.6V	29.6V
Charge Current Max Continuous	50A	50A	50A
Discharge Current Max Continuous	100A	100A	100A
Discharge Voltage Minimum	10.8V	21.6V	21.6V
Pulse Current 5 Sec	150A	150A	150A
Weight	22.5kg±0.5kg	22.5kg±0.5kg	46kg±0.5kg
Dimensions L*W*H (mm)	320*250*210	320*250*210	320*470*210
Calendar Life & Performance Guarantee <sup>[1]</sup>	a. 3500 cycles or 5 years , whichever comes first b. 1500 cycles or 2 years , whichever comes first		

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

# Charging curve & Discharge curve



## Special Performance

Operating Temperature	Charging: 0°C to 50°C
	Discharging : -20°C to 60°C
Storage Temperature	1 year : -20~25°C
	3 months : -20~45°C
	1 month : -20~60°C
Relative Humidity (R H)	20~60 (No Condensed Water)
Protection	IP65
Safety Certificate	IEC 62040
Transportation	UN38.3

## Application



Renewable energy



Others



Back-up power / UPS



Marine / boats



Motorhome / RV



First-class power battery system supplier  
First-class supplier of energy storage and microgrid

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