

All In One

CFE-PPS



Intelligent Energy Optimization

- Built-in power management IC dynamically adjusts charge/discharge strategies for >15% energy saving.



Extended Cycle Life

- $\geq 80\%$ capacity retention after 3,500+ cycles with >10-year service life.



Seamless Power Protection

- Zero-delay backup power switching ensures continuous operation of critical equipment.



Military-Grade Safety

- UL94-V0 flame-retardant enclosure + explosion-proof structure eliminates thermal runaway risks.



Comprehensive Visibility

- 4K HD display enables real-time monitoring of SOC/SOH and operational status.



24/7 Remote Management

- Real-time monitoring/parameter configuration & fault alerts via mobile APP.

Model	CFE-S03 Plus	CFE-S03 Pro
Capacity	256Wh	512Wh
AC Output	100~120V/600W (Rated)	
DC 12V Output (cigarette lighter&DC5521)	12V/10A	
2*USB-A Output	5V/3A; 9V/2A; 12V/1.5A (18W Max);	
USB-C Output	5V/3A; 9V/2A; 12V/1.5A (PD 18W Max)	
AC Charge Input	90~140Va.c 2.5A 300W Max	
PV Input (DC 7909 Input)	15~35Vd.c MPPT: 15V-35V 12A Max 240W Max	
Size	240*185*152.5mm	240*185*195.5mm
Net Weight	3.7kg	5.6kg
Model	CFE-S012	CFE-S015
Capacity	992Wh	1488Wh
AC Output	230V/1200W (Rated)	120V/1500W (Rated)
DC 12V 5521 Output (cigarette lighter)	12V/10A	
2*USB-A Output	5V/3A; 9V/2A; 12V/1.5A (18W Max);	
2*USB-C Output	5V/3A, 9V/3A, 15V/3A, 20V/5A, 28V/5A 【140W Max】	
AC Charge Input	90~140Va.c 5A 50/60Hz 600W	90~140Va.c 7A 50/60Hz 800W
PV Input	12~30Vd.c MPPT: 16~26V 12A 240W Max	12~30Vd.c MPPT: 16~26V 25A 480W Max
Car Charge Input	12~15.5V 8.5A Max	12~15.5V 8.5A Max
Size	359*271.4*226.7mm (14.1*10.7*8.92in)	359*271.4*276.7mm (14.1*10.7*10.89in)
Net Weight	10.5KG (23.15lb)	13.85KG (30.5lb)
Model	CFE-S1	CFE-S2-BAT
Capacity	1024Wh	2048Wh
AC Output	120V/2000W (Rated) 20A Max*4; Peak 4500W	/
DC 12V Output (cigarette lighter&DC5521)	12V/10A	12V/10A
Anderson Output	/	12V/30A
4*USB-A Output	5V/3A; 9V/2A; 12V/1.5A (18W Max)	
2*USB-C Output	5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V5A; (PD100W Max)	
Car Charge Input	12-15Vd.c 8A	/
AC Charge Input	90~140Va.c 12A 1400W Max	/
PV (Anderson) Input	12~80Vd.c MPPT: 18V75V 13A 800W Max	12~150Vd.c MPPT: 18V-140V 15A Max 2100W Max
Size	15.1*9.1*11.6in(384*232*295mm)	460*270*255mm
Net Weight	27.8lb (12.6kg)	/

CF Energy Co., Ltd.

CFE has offices & warehouses in the following regions where you can get in touch with us:

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