

All In One

CFE-Power Stream 8



Leading technology

- Easy to use: adopts advanced integrated energy storage technology, battery PCS integrated design, easy and quick installation and commissioning.
- Intelligent human-computer interaction system: equipped with a high-definition touch screen.



High quality and competitive price

- Long-life design: high-quality lithium iron phosphate batteries and components, carefully designed and manufactured, have a long service life, reducing maintenance and replacement costs.
- High energy density: using the latest battery formation technology, significantly reducing the footprint.



Ultra-safe and reliable

- Safety measures: equipped with multiple safety measures, such as high-precision insulation testing, to ensure safety in the process of use.
- Strict quality control: Each device meets the standards and undergoes strict testing and certification.



Efficient Management

- Humanized energy management: the energy storage mode can be freely adjusted according to household electricity demand and PV power generation to meet different electricity demand.

Model		CFE-Power Stream 8
Input	Input Sources	L+N+PE
	Rated Input Voltage	220/230/240Vac
	Voltage Range	90-280Vac±3V (APP Mode), 170-280Vac±3V (UPS Mode UPS)
	Frequency Range	50/60Hz (Auto Adaptive)
Output	Output Voltage	220/230/240Vac±5%
	Output Frequency	50/60Hz±0.1% (Pure Sine Wave)
	Rated Capacity	4000W
	Peak Power	8000VA
Grid-Tie Operation	Output Voltage	220/230/240Vac
	Output Current	17.4A
	Grid-Tie Voltage Range	195-253Vac
	Grid-Tie Frequency Range	49-51/59-61±1Hz
	Power Factor Range	>0.99
	Max Conversion Efficiency (DC/AC)	98%
Battery	Battery Voltage	25.6Vdc
	Total Power	8.04kWh
	Battery Protection Function	Over-voltage protection, under-voltage protection, over-current protection, short-circuit protection, temperature protection
Chargers	PV Charging Mode PV	MPPT
	MAX PV Input Power PV	6500W
	Maximum PV Input Voltage	500Vdc
	Maximum PV Input Current	27A
	MPPT Tracking Range MPPT	60~450Vdc
Display	LCD Display	Display Running Mode/Loads/Input Output etc
Environ-ments	Working Environment	Indoors
	Discharge Temperature	-10~55°C
	Charging Temperature	0~45°C
	Operating Humidity	0-95%RH (No condensed water)
	Storage Temperature	-15~60°C
	Altitude	The altitude should not exceed 1000m. Above 1000m, derating applies, with a maximum of 4000m, referring to IEC62040.
	Noise	≤50db
Other parameters	Safety Certificate	UN3480
	Installation	Installed against the wall floor
	Size	830*520*170mm
	Weight	82kg
	IP Level	IP20

CF Energy Co., Ltd.

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

Europe: Rotterdam (Netherlands) Africa: Johannesburg (South Africa)

Asia: Xi'an, Shenzhen, Tianjin, Hong Kong (China) , and Yangon (Myanmar)

Tel: (+86) 029 38367888 Web: www.cfess.cn E-mail: cfenergy@cfess.cn