

Power Stream

5kW All in one ESS Energy system



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 and cell phone APP to view the status and set parameters, remote real-time monitoring of energy distribution.



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:

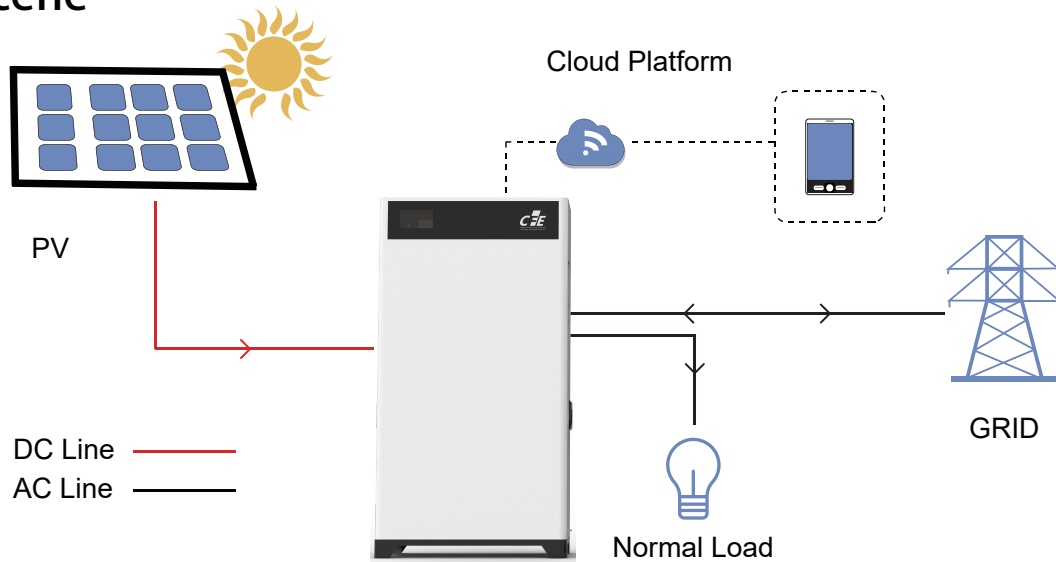
- ✓ Safety measures: equipped with multiple safety measures, such as high-precision insulation testing, to ensure safety in the process of use.
- ✓ Strict quality control: Each device meets the standards and undergoes strict testing and certification.



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.
- ✓ Support for expanded use: Battery capacity and power can be expanded according to the demand for use, up to 20kW, 80kWh to meet the demand for electricity in homes and small commercial premises.

work scene



Model	Power Stream 10	Power Stream 20
PV parameters		
Max. input Power	6000W	6000W
Max. DC Voltage	580Vd.c	580Vd.c
Max. short circuit current	14/14Ad.c	14/14Ad.c
MPPT voltage range	125~550Vd.c	125~550Vd.c
Max. input current	11/11Ad.c	11/11Ad.c
MPPT input channels	2	2
Battery parameters		
Battery Type	LiFePO4	LiFePO4
Voltage	51.2V (DC)	51.2V (DC)
Capacity	206Ah	412Ah
Energy	10.547kWh	21.094kWh
Load parameters		
Apparent power	5000VA	5000VA
Voltage	220/230Va.c	220/230Va.c
Max.current	22.8Aa.c	22.8Aa.c
Frequency	50/60Hz	50/60Hz
Grid parameters		
Apparent power	5000VA	5000VA
Voltage	220/230Va.c	220/230Va.c
Max. input/output current	22.8Aa.c	22.8Aa.c
Frequency	50/60Hz	50/60Hz
Power factor	0.8cap~0.8ind	0.8cap~0.8ind
Overvoltage category	(DC); (AC)	(DC); (AC)
Charging temperature range	0~45°C	0~45°C
Discharging temperature range	-10~45°C	-10~45°C
Security Level	CLASS	CLASS
IP Level	IP 65	IP 65
Size (D*W*H)	250*540*1020 mm	250*540*1415 mm
Weight	109kg	188kg
Certification	VDE 4105:2018 & VDE 0124-100:2020-06 TR25 & TOR Generator Typ AV1.1 CEI 0-21:2022&CE&UN3480	