

On-Grid or Off-Grid AC Combiner System

KS-233CG



EFFICIENT POWER ROUTING

- Smart control for charge/discharge.
- Supports multi-loop battery & DC bus.



SECURE GRID INTERFACE

- Grid-tied cabinet without PCS.
- Stable, safe energy storage connection.



SAFE AND RELIABLE

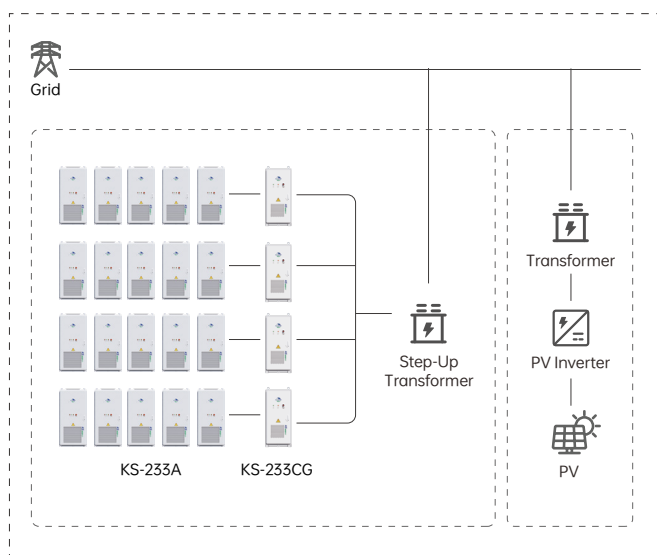
- IP54 design, minimize external environmental impact.
- Grid-tied cabinet without pcs.



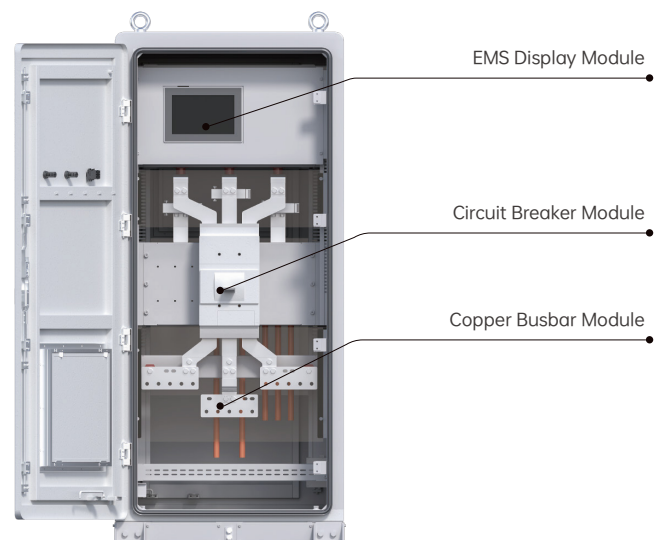
SMART ENERGY MANAGEMENT

- HMI with modbus tcp/iee 61850.
- EMS/SCADA integration ready.

System Layout



System Demonstration



● Product Specifications

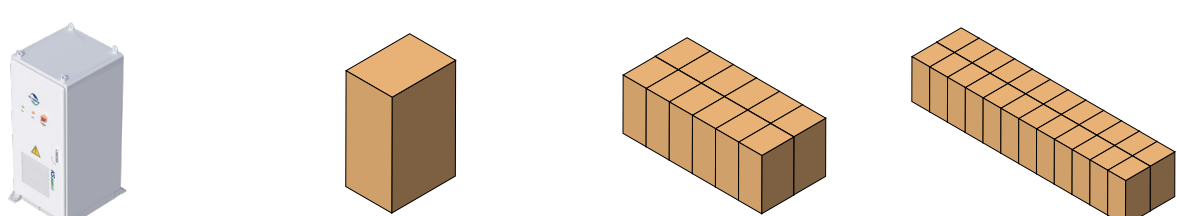
Product Parameter

Input Voltage (Vac)	480
Access Channel	5
Output Channel	1
Rated Power (kW)	625
Rated Current(A)	751
Anti-backflow Protection for Power Grid	Functions Included
Pcs (Power Conversion System) Switch (A)	250
Grid Switch, Load Switch (A)	1000

General Parameters

Combiner Model	K-CG625ACC01-US
IP Rating	IP54
Dimensions - W*D*H (in)	~31.5*42.52*70.87
Total Weight (lb)	~983
Operating Temperature(°C/°F)	-20~55/-4~131
Storage Temperature(°C/°F)	-20~35/-4~95
Relative Humidity (RH)	0~95%
Altitude	≤2000m / 6561ft
Noise Level @1m	<65 dB(A)
Communication Interface	RS485, CAN, LAN
Specifications Matched for Energy Storage Systems	233kWh ESS, Supports Parallel Connection of Up to 5 Units

● Packaging & Shipping Details



Product	1Set	20C	40C
~31.5*42.52*70.87 in ~983 lb	~49.21*42.5*74.8 in ~1212.5 lb	12 Set ~14544 lb	24 Set ~29088 lb