

GCB-E240

INDUSTRIAL AND COMMERCIAL ENERGY STORAGE CABINET

241kWh/ 125kW



PRODUCT FEATURE



HIGH CYCLE LIFE

Can achieve 6000 cycles at 90% state of charge, effectively reducing total cost of ownership.



FAST CHARGING SPEED

High charge and discharge efficiency, reducing equipment downtime and saving more time.



HIGHLY ADAPTABLE

Strong environmental adaptability, can withstand up to 60°C.



SAFER

Real-time monitoring of BMS for better system protection.



EASY TO STORE

Due to its extremely low self-discharge rate (LSD) and no risk of sulfation, it can last up to 6 months.



EASY TO STORE

Lithium batteries provide more watt-hours per kilogram while weighing only one-third of their SLA equivalents.

PRODUCT PARAMETER

TYPE PARAMETER	Model number	GCB-E240
BATTERY PARAMETERS	Type	241kWh/125kW
	Battery cell	LFP314Ah
	Battery pack	51.2V 314Ah
	Rated voltage (V)	768V(15 module series)
	Rated energy (kWh)	241.15kWh/215.04kWh
	Voltage range (V)	672~864
	Inverter	Solis
	Grid type	Three-Phase four-Wire
	Rated charging and discharging power (kW)	125
	Rated grid voltage (V)	AC380
COMMUNICATION GRID-CONNECTED PARAMETERS	Applicable grid frequency (Hz)	50
	Rated current (A)	189
	Total distortion rate of current harmonics	<3%
	Power factor range	1(Ahead of schedule)~1(Lag)
	Size: W*D*H (mm)	1300*1260*2375
	Weight (kg)	2500(Without PCS)
	Level	IP54
	Operating temperature range (°C)	-20~50°C
	Relative humidity	0~95%
	Altitude (m)	<2000
BASIC PARAMETERS	Cooling method	Air cooling (refrigeration, ventilation, heating)
	Noise	≤75dB
	System efficiency	≥90%
	Fire protection system	Integrated
	Messaging	RS485, CAN