

# Industrial and commercial energy

## Storage cabinets

125KWH~ 241KWH



## Content

### 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 PDU 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.

# Specifications

TYPE PARAMETER	Model number	GCB-E240	
	Type	241kWh/125kW	
BATTERY PARAMETERS	Battery cell	LFP314/280Ah	
	Battery pack	51.2V 314/280Ah	
	Rated voltage (V)	768V(15 module series)	
	Rated energy (kWh)	241.15kWh/215.04kWh	
	Voltage range (V)	672~864	
COMMUNICATION GRID-CONNECTED PARAMETERS	Inverter	Solis	
	Grid type	Three-Phase four-Wire	
	Rated charging and discharging power (kW)	125	
	Rated grid voltage (V)	AC380	
	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)	
	BASIC PARAMETERS	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	
Cooling method		Air cooling (refrigeration, ventilation, heating)	
Noise		≤75dB	
System efficiency		≥90%	
Fire protection system		Integrated	
Messaging	RS485, CAN		