

Industrial and commercial energy

Storage cabinets

50KWH~ 112KWH



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-E100	
	Type	100kWh/50kW	
BATTERY PARAMETERS	Battery cell	LFP314/280Ah	
	Battery pack	51.2V 314/280Ah	
	Rated voltage (V)	358.4V(7 module series)	
	Rated energy (kWh)	112.53kWh/100.35kWh	
	Voltage range (V)	280~403	
	COMMUNICATION GRID-CONNECTED PARAMETERS	Inverter	Deye
Grid type		Three-Phase four-Wire	
Rated charging and discharging power (kW)		50	
Rated grid voltage (V)		AC380	
Applicable grid frequency (Hz)		50	
Rated current (A)		76	
Total distortion rate of current harmonics		<3%	
Power factor range		1(Ahead of schedule)~1(Lag)	
BASIC PARAMETERS		Size: W*D*H (mm)	1200*803*2375
		Weight (kg)	1300
	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		