

**>> GCB-E50 INDUSTRIAL AND COMMERCIAL ENERGY STORAGE CABINET****50kW/50kWh****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.

**MORE SECURE**

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.

**MORE PORTABLE**

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

**>> TYPE PARAMETER**

Model number :	GCB-E50
Type :	50kW/50kWh

**>> BATTERY PARAMETERS**

Battery cell :	LFP100Ah
Battery pack :	51.2V 100Ah
Rated voltage (V) :	512V(10module series)
Rated energy (kWh) :	50kWh
Voltage range (V) :	448~576

**>> BASIC PARAMETERS**

Size: W*D*H (mm) :	780*640*2000
Weight (kg) :	625
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

\*The parameters in this table are experimental data, and the actual product shall prevail.