

DG-100K-A

Industrial And Commercial Energy Storage Cabinet
100kWh/ 50kW

- High Cycle Life**

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

- Highly Adaptable**

Strong environmental adaptability, can withstand up to 60°C

- Fast Charging Speed**

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

- Safer**

Real-time monitoring of BMS for better system protection

- Easy To Store**

Higher specific energy (Wh/kg); 1/3 the mass of SLA batteries
Extremely low self-discharge rate (LSD); No sulfation risk
Up to 6 months shelf life



TECHNICAL SPECIFICATION

Model	DG-100K-A
Type	100kWh/50kW
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
Inverter	Solis
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)
Dimension: 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

*The data in this table is for reference only, and is subject to actual delivery.