

# DG-241K-A

Industrial And Commercial Energy Storage Cabinet  
241kWh/ 125kW

- **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-241K-A
Type	241kWh/125kW
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
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)
Dimension: 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

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