



WALL-MOUNTED STORAGE BATTERY

KNY-24100



Bluetooth function
The device supports Bluetooth.



Safer to Use
High-density LiFePO4 battery



Long Battery Life
6000 cycles life (DoD 80%)



2.56kwh Capacity
To meet more electricity needs



Stable & Reliable
Advanced BMS management



Widely Compatible
Compatible with mainstream inverters



Knyee Energy belongs to the CHILWEE Group, one of the largest battery companies in China. We are a high-tech enterprise focusing on the production of energy storage batteries, mainly for research and development, production, sales of residential energy storage microgrid and commercial energy storage products, also providing total solutions.

Group Honors
C H I L W E E

🏆 Top 500_2023 Global New Energy Enterprises
🏆 Top 500_Manufacturers in China

🏆 Top 10_New Energy Battery Industry in China
🏆 Top 500_Private enterprises in China

🏆 China Patent Gold Award
🏆 China Grand Awards for Industry



Model

KNY-24100

Basic Information

Nominal Voltage	25.6VDC
Voltage Range	20V-29.2V
Nominal Capacity	100Ah
Rated Capacity	2.56kWh
Max. Number of Parallel - Operating Units	2
Cycle Life	6000 cycles (@80% DoD)
Protection Mechanism	Temperature Protection/Over-current Protection/Short-circuit Protection Over-charge Protection/Over-discharge Protection/Low-voltage Protection

Charging Parameters

Recommended Charging Current	50A
Max. Charging Current	100A
Recommended Charging Voltage	29V
Max. Charging Voltage	29.2V

Discharging Parameters

Recommended Discharging Current	50A
Max. Discharging Current	100A
Recommended Battery Discharge Cut-off Voltage	22V
Battery Cut-off Voltage	21.6V
Battery Recovery Voltage	22.8V

General Parameters

Dimension	430*345*158mm
Net Weight	23kg±3kg
Shell Material	Sheet Metal
Protection Rating	IP21
Installation Method	Rack Mode
Cell Type	LiFePO4

Certification & Safety Standard

Safety Certification	CE
Temperature Safety Certification	UN38.3,Class9

Temperature Parameters

Discharging Temperature	-20~60°C
Charging Temperature	0~55°C
Storage Temperature	-20~45°C