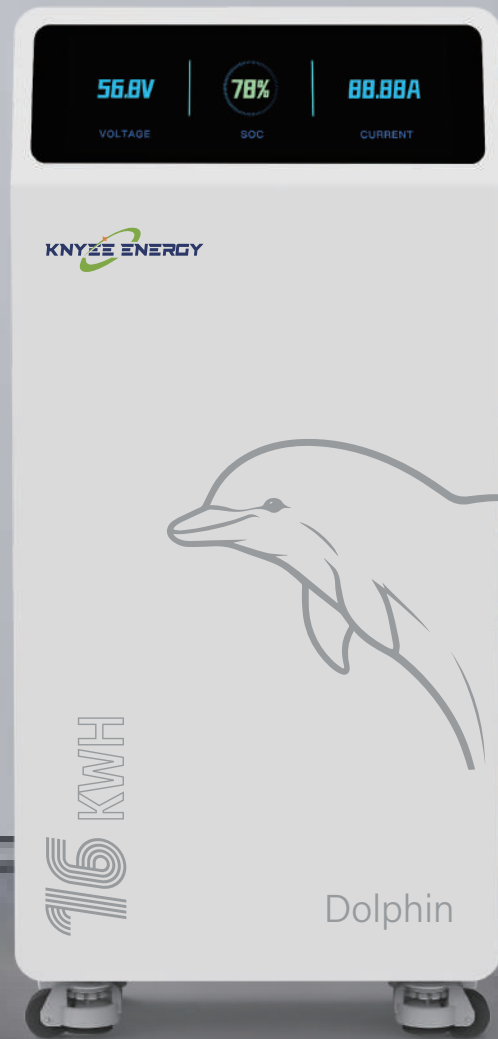


Floor Type Storage Battery

ESS-D-16



IP65 Protection

Corrosion resistant metal materials



Safer to Use

High-density LiFePO4 battery



Long Battery Life

8000 cycles life (DoD 80%)



16.08kwh Capacity

To meet more electricity needs



Stable & Reliable

Advanced BMS management



Widely Compatible

Compatible with mainstream inverters

Model	ESS-D-16
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Basic Information

Nominal Voltage	51.2V DC
Voltage Range	44V-58.4V
Nominal Capacity	314Ah
Rated Capacity	16.08kWh
Communication Protocol	CAN / RS485 / RS232
Max. Number of Parallel Connections	15
Cycle Life	8000 cycles (25°C@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	100A
Max. Charging Current	200A
Recommended Charging Voltage	58V
Max. Charging Voltage	58.4V

Discharging Parameters

Recommended Discharging Current	100A
Max. Discharging Current	200A
Recommended Battery Discharge Cut-off Voltage	44V
Battery Cut-off Voltage	44V
Battery Recovery Voltage	48V

Product Functions

Communication	Bluetooth + WiFi
Function	Auto-dialling communication
Fire Protection System	Built - in aerosol fire extinguisher

General Parameters

Dimension	1008*500*256.5mm
Protection Rating	IP65
Net Weight	124±3kg
Shell Material	Sheet Metal

Certification & Safety Standard

Certification	CE ,IEC62619,UN38.3,MSDS
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Temperature Parameters

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