



STORAGE BATTERY

Lithium Iron Phosphate

1、Long Lifespan

- Over 5000 cycles (0.5C, 25°C).
- Maintenance-free design, more economical throughout its lifecycle.
- Reduced replacement frequency, lowering resource consumption.

2、Efficient Energy Storage

- Easy to install and move, saving storage space.
- High energy reserve, supports multiple devices.
- Versatile applications: from home backup to electric vehicles.

3、Fast Charging & Discharging

- Quick charging for improved usage efficiency.
- 200A high-current output, suitable for UPS or industrial equipment.
- High-frequency adaptability, maintaining stable power supply.

4、Safe & Durable

- Strong adaptability to all environments, meeting various needs.
- Eco-friendly design, minimizing environmental impact.

PRODUCT PARAMETER

Model	12.8-205-NKB	12.8-280-NKB	25.6-205-NKB
Cell Type	LFP	LFP	LFP
Rated Capacity	205Ah	280Ah	205Ah
Nominal Voltage	3.2V	3.2V	3.2V
Battery Configuration	1P4S	1P4S	1P8S
Total Product Weight	≤19.8±0.5kg	≤25.5±0.5kg	≤36.6±0.5kg
Operating Voltage Range	10V~14.6V	10V~14.6V	20V~29.2V
Operating Temperature Range	Charge:0°C~+55°C Discharge:-20°C~+55°C	Charge:0°C~+55°C Discharge:-20°C~+55°C	Charge:0°C~+55°C Discharge:-20°C~+55°C
Nominal Voltage	12.8V	12.8V	25.6V
Nominal Capacity	205Ah	280Ah	205Ah
Max.Charging Current	150A	150A	150A
Max.Discharging Current	200A	200A	200A
Cycle Life	≥5000	≥5000	≥5000
Dimensions (mm) (L*W*H)	384*194*274	384*194*274	523*269*225