

LITHIUM IRON PHOSPHATE BATTERY (LiFePO4 Battery Pack)

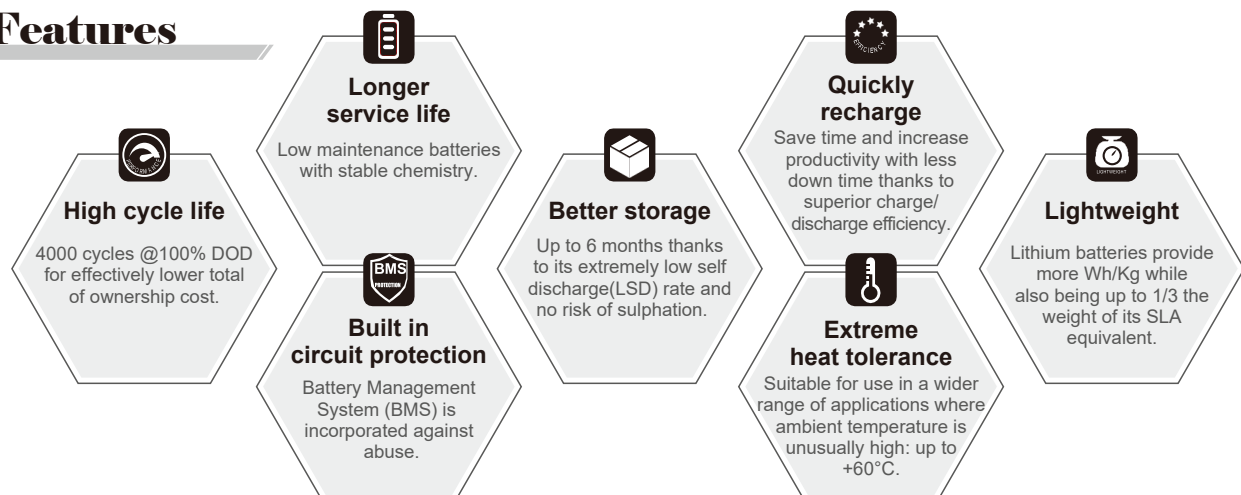
Introduction

LFP battery designed with 10 years or more service life for general purpose, which designed with advanced technology, built in intelligent BMS for more safe, with SOC design.

Technical Parameter

Battery Model	25.6V50Ah
Nominal Voltage	25.6V
Capacity	50Ah
Nominal Capacity	1280Wh
Operating Voltage Range	20V~29.2V
Maximum Charging Current	50A
Maximum Discharging Current	50A
Charging Temperature Range	0°C~45°C
Discharging Temperature Range	-20°C~60°C
Dimension	260*135*203mm
Weight	10kg
IP Level	IP67
Cell Cycle Life	4000 times
Terminal Type	F12/F14

Features

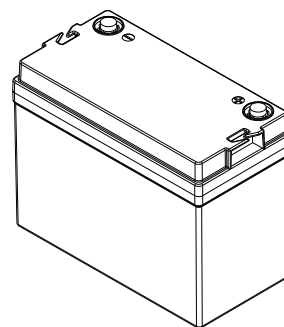
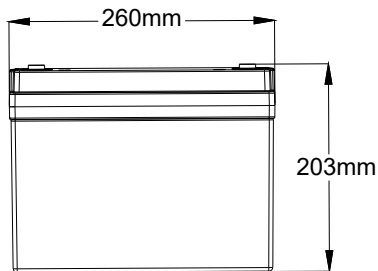
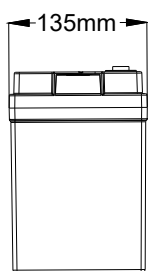


Applications

- ◆ Power Generation System (Solar and Wind Power System, etc.)
- ◆ Household Energy Storage System
- ◆ Auto Control System & ATM Machine
- ◆ Electronic Apparatus and Equipment
- ◆ Emergency Light & Emergency Backup
- ◆ Power Supply & Alarm / Security System
- ◆ Communication Power & DC Power
- ◆ Electric Power System (EPS)
- ◆ Uninterruptable Power System (UPS)

Battery Model	25.6V50Ah
Length	260±1mm (10.23 inches)
Width	135±1mm (5.31 inches)
Height	203±1mm (7.99 inches)

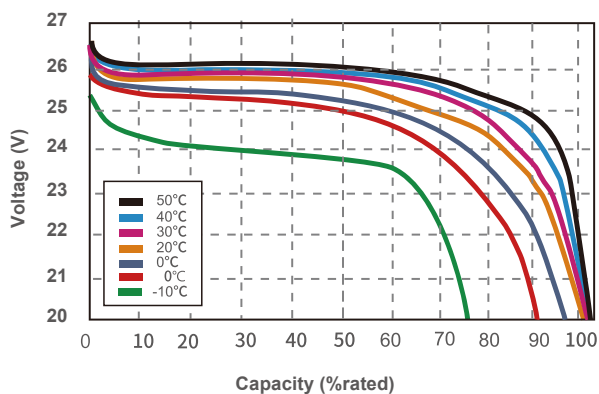
25.6V50Ah



Parameter Charts

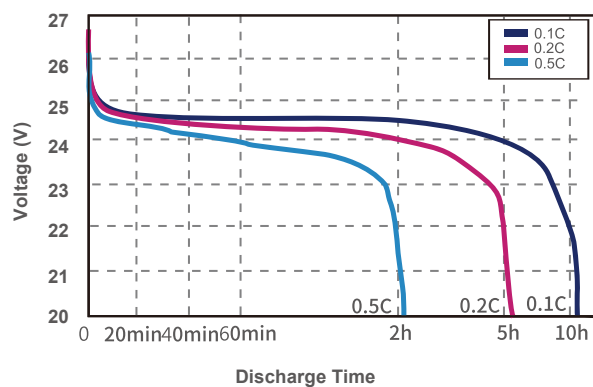
Different Temperature Discharge Curve

Different Temperature Discharge Curve @0.5C



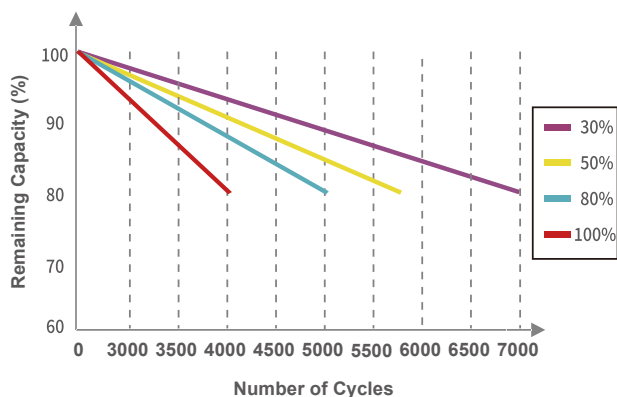
Different Rate Discharge Curve

Different Rate Discharge Curve @25°C



Cycle Life Curve

Different DOD Discharge Cycle Life Curve @ 0.2C



Self Discharge Characteristics Curve

Different Temperature Self Discharge Curve

