



LP-2.56M

REAL-TIME MONITORING

Phone APP Connects To Bluetooth



FEATURE LIFEPO4 BATTERY



HIGH TEMPERATURE RESISTANCE

The peak value of lithium iron phosphate electric heating can reach 350°C-500°C, while lithium manganate and cobalt acid lithium is only around 200°C, with a wide operating temperature range (-10°C--55°C).



BMS CONTROL

The battery management system monitors and adapts to battery conditions to maximize performance and safety



HIGH SECURITY

The P-O bond in the lithium iron phosphate crystal is stable and difficult to decompose. Even at high temperature or overcharge, it will not collapse and generate heat like lithium cobalt oxide or form strong oxidizing substances, so it has good safety.



ENVIRONMENTAL PROTECTION

Lithium iron phosphate batteries are generally considered to be free of any heavy metals and rare metals (the nickel-hydrogen battery requires rare metals), non-toxic (SGS certification), pollution-free and meets European RoHS regulations, and is an absolute green battery.



LONG CYCLE LIFE

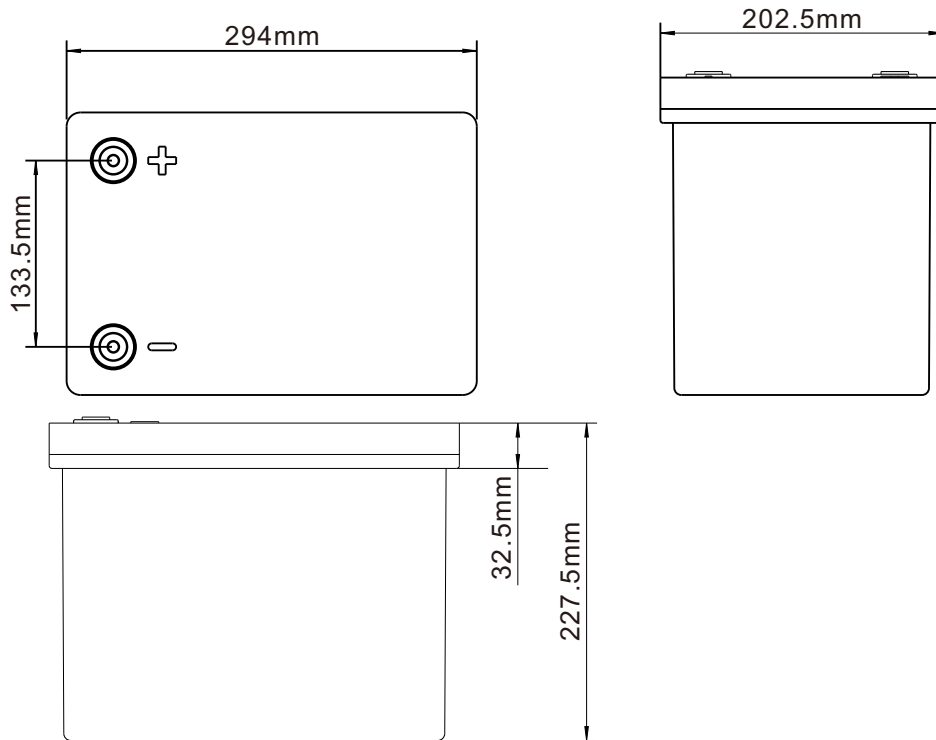
At 80% depth of discharge, the number of cycles exceeds 6,000, and a 5-year warranty is provided.



LIGHT WEIGHT

The volume of a LiFePO4 battery with the same specification and capacity is the volume of a lead-acid battery, the weight is 1/3 of the lead-acid battery. Allowing for simple installation and transportation.

DIMENSIONAL SPECIFICATIONS



SPECIFICATION(with bluetooth)

Model	LP-2.56M
Total Energy [kWh]	2.56
Capacity [Ah]	200
Nominal Voltage [V]	12.8
Voltage Range [V]	10.5-14.4
MAX. Charge & Discharge Current [A]	80
Dimension[W×D×H,mm]	294×203×228
Net Weight [Kg]	15
Scalable	up to 4 in series and up to 6 in parallel
Communication	Bluetooth
Enclosure Protection Rating	IP21
Working Temperature Range [°C]	-10 ~ 50
Cycle Life	> 6,000 Cycle@ 80% DOD / 25°C / 0.3C, 60%EOL
Warranty	5 years
Certification	IEC62619,UN38.3,CE