More than 2000 cycle life based on 100% DOD, longer serving time ranges helps vendors to extend the product serving life and help final users to reduce the battery replacement costs.

High Energy Density
The LiFePO₄ weighs less than half of comparable lead acid batteries, providing customers with a lighter-weight solution to optimize their product design and avoid unnecessary oversizing, which helps minimize cost and system complexity.

High Power Capability
LiFePO₄ is designed to deliver twice the power of lead acid, including at high discharge rates, while maintaining high energy capacity to maximize product performance.

### Parameters

#### Electrical Characteristics
- Nominal Voltage: 12.8V
- Rated Capacity: 121.6Ah (+4Ah)
- Rated Energy: 1556.5Wh
- Output Power: 1280W
- Alternating Inner Resistance: ≤40mΩ
- Self-Discharge Rate/Month: <3%/Month
- Cycle Life (0.5C 100% DOD*) >2000 cycles

#### Standard Charge
- Charge Voltage: 14.4V
- Charge Mode: CC/CV
- Suggested Charge Current: 25A
- Max. Charge Current: 60A

#### Standard Discharge
- Continue Current: 100A
- Max Pulse Current: 300A (≤20ms)
- Discharge Cut-off Voltage: About 10V

#### Environmental
- Charge Temperature: 0°C~45°C
- Discharge Temperature: -20°C~60°C
- Storage Temperature: 0°C~45°C
- Water Dust Resistance: IP65

#### Mechanical
- Cell: 26650 3.2V 3800mAh
- Configuration: 4S32P*
- Dimension: 259(L)x167(W)x212(H)mm
- Enclosure Material: ABS Plasctics
- Weight: 13.1Kg
- Charge Terminal: M8
- Discharge Terminal: M8

### Application
- > Solar Storage
- > Floor Cleaning Machine
- > All Purpose

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* CC/CV: Constant Current / Constant Voltage
* DOD: Depth of Discharge
* xSxP: Series & Parallel Connection