



LFP POW12-16 (12.8V 16Ah)

| Specifications | |
|-----------------------|----------------------------------------------------------------------------|
| Nominal Voltage | 12.8V |
| Rated Capacity (10HR) | 16Ah |
| Weight | 2.9 kg |
| Energy | 204.8 Wh |
| Cycle Life | >4000 cycles @0.2C, 25°C, 80% DOD |
| Dimensions | Length 168 mm |
| | Width 128 mm |
| | Container Height 123 mm |
| | Total Height 123 mm |
| Terminal Type | T bar |
| Battery Housing | ABS |
| Cell Type-Chemistry | LiFePO4 Cylindric Cell |
| Protection | Over charge, Over Discharge, Over Temperature, Over Current, Short Circuit |

Performance

- Long Cycle Life>4000 cycles @80% DOD.
- High Density, High Discharge Current, High Temperature Range.
- Low Weight, Free Maintenance.
- Fast Charging.
- Environment Friendly.



Description and Features

The LFP series is full-fledged lead acid battery replacement with all the advantages of LiFePO4 technology. This lithium battery ensures maximum safety and long service life even with regular deep discharge.

Features

- Excellent performance
- Long cycle life
- Safest lithium technology (LiFePO4)
- USB port
- Replacement for cyclic lead acid batteries

Discharge Parameters

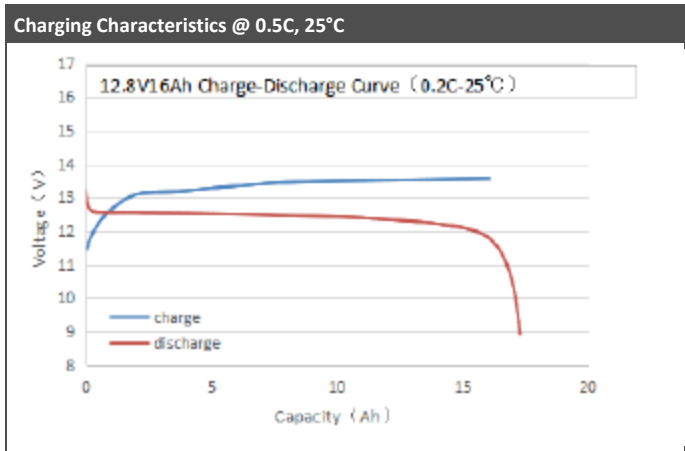
| | |
|----------------------------------|-------|
| Max Continuous Discharge Current | 20A |
| BMS Discharge Cut-off Voltage | 10.0V |

Charge Parameters

| | |
|----------------------------|------------|
| Charge Method | CC-CV |
| Charge Voltage | 14.6±0.05V |
| Recommended Charge Current | 3A |
| Maximum Charge Current | 3A |

Temperature Parameters

| | |
|-----------------------|-------------------------------|
| Discharge Temperature | -20 to +55 °C (-4 to +131 °F) |
| Charge Temperature | 0 to +50 °C (32 to +122 °F) |



(Note) All above information shall be changed without prior notice, Landport Batteries reserves the right to explain and update the latest information