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LiFePO4 26650 Battery:12.8V 3300 mAh (42Wh, 7A rate) w. PCB (3.96):



Packing

- 12.8 V 3400 mAh LiFePO4 Li-Ion rechargeable battery Module is made of 4 pcs [LiFePo4 3300 mAh cylindrical 26650 cell](#) in 4S side by side configuration
- Pack protected by [PCB \(7A limited\)](#)
 - Must locate PCB on top 108mm(4.3") x 30mm(1.2") plane

Voltage Voltage: 12.8 V (working) 15.6 V (peak) 8.0 V (cut-off) **Capacity** 3300 mAh (42.24 Wh) **Cycle Life** > 2000 cycles (80% of initial capacity @ 0.2C rate, IEC Standard) **Protection**

- One [PCB \(7A limited\)](#) installed with the battery pack and protects the battery from
 - Overcharge (>15.6V)
 - Over discharge (<8.0 V)
 - Over drain (>7 Amp)
 - Short circuits

Pre-wired

- Charge/Discharge terminal: 6" long 18 AWG open end wire

Charging rate 1.5A (recommended), 3.3A Max **Max. Discharging Rate** **7Amp** limited by PCB (lower rate available upon request) **Dimensions (LxWxH)** 108mm(4.3") x 30mm(1.2") x 72mm(2.8") **Weight** 375grams (13.2 oz) **Smart Tips**

- If connect two modules in parallel, you can build a 12V 6.6Ah Battery pack with a 14 Amp discharge rate.

LiFePO4 26650 Rechargeable Cell: 3.2V 3300 mAh, 16.5A Rate, 10Wh - UN approved (NDGR)

Nominal Voltage Average 3.2 - 3.3 V **Nominal Capacity**

- 3300 mAh (at 0.2C rate, 3.8V cut-off)
- Energy density: 117.33 wh/kg

Charging current 3.3 A Max. **Discharging current**

- 6.6A continuous
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- 16.5A Max. Peak

Dimensions (DxH) (max with tab) 26.21mm(1.03") x 65.66 mm(2.58") **Weight** 3.2 Oz (90 grams)
Operation Temperature

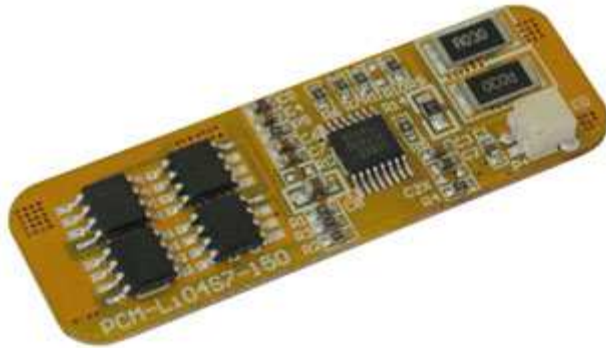
- Charging: 0 - 45 °C
- Discharging: - 10 - 60 °C

Cycle Performance

- **>2000** (80% of initial capacity at 0.2C rate, IEC Standard)
 - 2 times more than NiMH and 10 time more than SLA
- Don't use NiMH or Li-ion smart charger charge LiFePO4 cell/pack.
 - **Wrong type of charger used will cause cell to explode. Batteryspace.com will not be responsible for damage**
- Li-Fe-PO4 battery must be cut-off at 3.8V/cell when charging
- You must limit discharging rate below Max rate
- Please see our damage test report to understand our specs and limit your application within specs
- [Please read more info about LiFePO4 battery](#)



Protection Circuit Module (PCB) for 4 cells (12.8V) LiFePO4 Battery Pack at 7A limit



Protection Circuit Module Specifications For 12V LiFePO4 Battery Packs

This protection circuit is specially designed for **12V LiFePO4** Battery pack with **7A** discharging rate.

- Keep 12V LiFePO4 Battery pack from overcharge (3.90V/cell)
- Keep 12V LiFePO4 Battery pack from over discharge (2.0V/cell)
- Limit 12V LiFePO4 Battery pack's discharging current below 7 A.

Features:

- Manufacture part# PCM-Li04S7-150 (4S)
- Apply for 4 Cells LiFePO4 Battery pack with discharging current <7A
- Dimension (LxWxH): 50mm x 16mm x 4.0mm