

Protection Circuit Module Specifications For 12.8V LiFePO4 Battery Packs

·Model: PCB-LFP12.8V2A (4S)

·Features:

Apply for 4 Cells LiFePO4 Battery Pack
with discharging current < 2A

Adopt seiko S-8254 protection IC

Dimension: L50*W16*T3mm

Weight: 2 grams

Electric performance:

- * Overcharge protection voltage for single cell: 3.900 ± 0.025 V
- * Overdischarge protection voltage for single cell: 2.30 ± 0.080 V
- * Overcurrent protection: 5~7A
- * Maximal continuous discharging current: 2A
- * Current consumption for single cell: $\leq 20\mu\text{A}$
- * Short circuit protection: Automatic recovery
- * Protection circuitry resistance (B+ TO P+) : $\leq 100\text{m}\Omega$

Port design:

P+ = Charge+/Discharge+ P- = Charge-/Discharge-

