

Protection Circuit Module Specifications For 12.8V LiFePO4 Battery Packs

·Model: PCM-LFP12.8V16A

·Features:

Apply for 4 Cells LiFePO4 Battery Pack
with discharging current < 16A

Adopt seiko S-8254 protection IC

Dimension: 127mm x 48mm x 8mm

Weight: 50 grams

Electric performance:

* Overcharge protection voltage for single cell: $3.90 \pm 0.025V$

* Overdischarge protection voltage for single cell: $2.3 \pm 0.08V$

* Overcurrent detection protection: $90 \sim 110A$

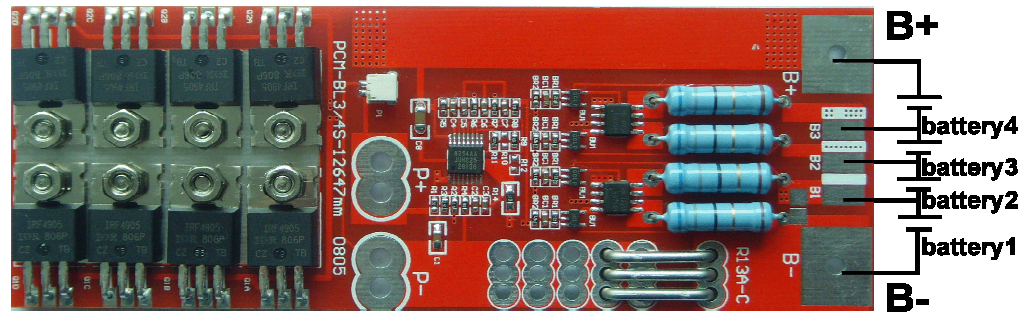
* Maximal continuous discharging current: 16A

* Current consumption for single cell: $\leq 20\mu A$

* Short circuit protection: Automatic Recovery

* Protection circuitry resistance (B+ TO P+) : $\leq 50m\Omega$

Port design:



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