

Protection Circuit Module Specifications For 12.8V LiFePO4 Battery Packs

·Model: PCB-LFP12V25A

·Features:

Apply for 4 Cells LiFePO4 Battery Pack
with discharging current < 20A

Adopt seiko S-8254 protection IC

Dimension: L123*W31*T5mm

Weight: 20.5 gram

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: 100~120A

* Maximal continuous discharging current: 20A

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

* Short circuit protection

* Protection circuitry resistance (B+ TO P+) : $\leq 30m\Omega$

Port design:

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

