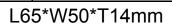
## Protection Circuit Module Specifications For 25.6V LiFePO4 Battery Packs Model: PCM-SM23 (LFP-8S) Test item Criterion No. Charging voltage DC: 28.8V CC/CV (3.6V/1cell) 1 Voltage 3.6V±0.025V Balance voltage for single cell Balance current for single cell 72mA±5mA Current consumption for single cell ≤20 μ A 2 Current 15A Maximal continuous charging current 15A Maximal continuous discharging current 3.90±0.025V Over charge detection voltage Over charge Protection 0.96S-1.4S 3 Over charge detection delay time ( single cell) Over charge release voltage 3.80±0.025V Over discharge detection voltage 2.0±0.05V Over discharge protection Over discharge detection delay time 115-173mS 4 ( single cell) Over discharge release voltage 2.3±0.05V $0.6 \pm 0.1 v$ Over current detection voltage 50±10A Over current detection current Over current protection 5 7.2ms-11ms Detection delay time Cut load Release condition Exterior short circuit Detection condition Short protection Detection delay time 200-500us 6 Release condition Cut load Resistance Protection circuitry (B- TO P-) ≤**20m** Ω 7 -40∼+85℃ Operating Temperature Range Temperature

P+=B+=Charge+/Discharge+

P- =Charge-/Discharge-

Size:L65\*W50\*T14mm



-40~+125°C



Storage Temperature Range