## Protection Circuit Module Specifications For 19.2V LiFePO4 Battery Packs Model: PCB-LFP19V15A Test item Criterion No. DC: 21.6V CC/CV (3.6V/Cell) Charging voltage Voltage 1 Balance voltage for single cell Balance current for single cell Current consumption for single cell ≤20 µ A Current Maximal continuous charging current 15A Maximal continuous discharging current 15A 3.90±0.025V Over charge detection voltage Over charge Protection 3 Over charge detection delay time 0.5S-2S ( single cell) Over charge release voltage 3.80±0.05V Over discharge detection voltage 2.0±0.05V Over discharge protection 100-250mS 4 Over discharge detection delay time ( single cell) Over discharge release voltage 2.3±0.1V Over current detection voltage 0.2±0.015V 30±5A Over current detection current Over current protection Detection delay time 5ms-30ms Cut load Release condition Detection condition Exterior short circuit Short protection 200-800us 6 Detection delay time Release condition Cut load 7 Resistance Protection circuitry (B- TO P-) $\leq$ 30m $\Omega$ Operating Temperature Range -40∼+85℃ Temperature 8 Storage Temperature Range -40∼+125℃

P+=B+=Charge+/Discharge+

P-=Charge-/Discharge- Size:L48\*W44\*T3.5mm

