



AYAA TECHNOLOGY CO.,LTD

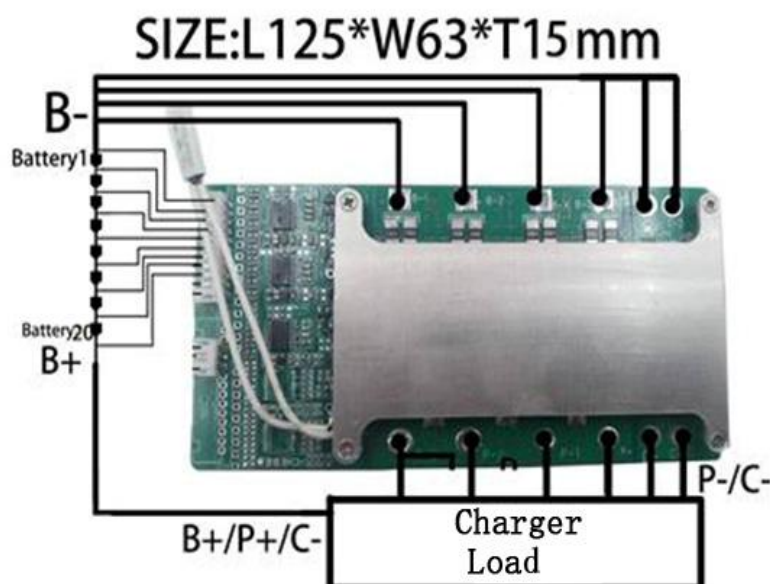
PCM Specifications

Model: PCM-LB24S150A-AY072 ver: A

| Test item (Test at normal temperature 25±2℃) | | Criterion |
|--|---|----------------------------------|
| Voltage | Charging voltage | DC: 100.8V CC/CV (4.2v/Cell) 24s |
| Capacity | Designing battery capacity (PCM) | *mAh |
| Supply Current | Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current | ≤50uA |
| | Maximal continuous charging current | 150A |
| | Maximal continuous discharging current | 150A |
| | Balance current for single cell | 42±10mA |
| Over-charge Protection (single cell) | Balance voltage for single cell | 4.2V±0.05V |
| | Over charge detection voltage | 4.25±0.05V |
| | Over charge detection delay time | 0.5S—2S |
| | Over charge release voltage | 4.15±0.1V |
| Over discharge protection (single cell) | Over discharge detection voltage | 2.75±0.05V |
| | Over discharge detection delay time | 10—200mS |
| | Over discharge release voltage | 3.0±0.1V |
| Current protection (Battery pack) | ChargeOver current detection current | / |
| | Detection delay time | / |
| | Discharge Over current detection current | 450±50A |
| | Detection delay time | 5ms—50ms |
| | Release condition | Cut load, Auto Recovery |
| Short protection | Detection condition | Exterior short circuit |
| | Detection delay time | 200-600us |
| | Release condition | Cut load |
| Resistance | Main loop electrify resistance | ≤ 60mΩ |
| Temperature | high temperature discharge protection | 65℃ |
| | Operating Temperature Range | -20~+70℃ |
| | Storage Temperature Range | -40~+125℃ |

SIZE: L125*W63*T15 mm

NTC: / Temperature switch: 65℃ (the batteries temperature) Weak current switch: / Activation Method: /



Prepared: Emily 2020-6-11

Checked:

Approved:

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