



AYAA TECHNOLOGY CO.,LTD

PCM Specifications

Model: PCM-L08S25-A72

| Test item (Test at normal temperature 25±2℃) | | Criterion |
|--|---|--|
| Voltage | Charging voltage | DC: 27.6V~33.6V CC/CV (3.45V~4.2V/Cell) 8s |
| Supply Current | Normal operating mode current: Fuel gauge in NORMAL mode. ILOAD > Sleep Current | ≤30uA |
| | Maximal continuous charging current | 10-30A |
| | Maximal continuous discharging current | 10-30A |
| | Balance current for single cell | 32-42mA |
| Over-charge Protection (single cell) | Balance voltage for single cell | 3.6-4.2V |
| | Over charge detection voltage | 3.65-4.35V |
| | Over charge detection delay time | 0.5S—2S |
| | Over charge release voltage | 4.05-4.15V |
| Over discharge protection (single cell) | Over discharge detection voltage | 2.4-3.0V |
| | Over discharge detection delay time | 10—200mS |
| | Over discharge release voltage | 2.5-3.2V |
| Current protection (Battery pack) | Discharge Over current detection current | 30-90A |
| | Detection delay time | 5ms—20ms |
| | 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 | ≤65mΩ |
| Temperature | Operating Temperature Range | -40~+85℃ |
| | Storage Temperature Range | -40~+125℃ |

SIZE: L119*W51*T8 mm

NTC: / Temperature switch: 65℃ Weak current switch: / Activation Method: /

