

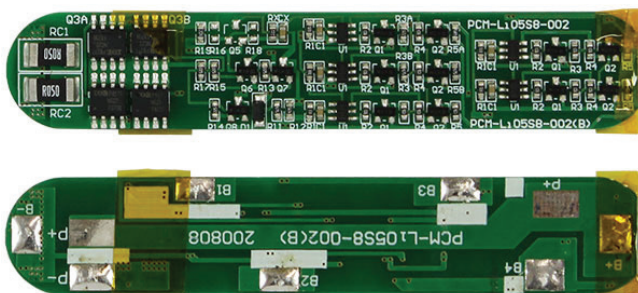


PCM for 18/18.5V Lilon Battery Pack

SPECIFICATIONS

| No. | Test Item | Criterion | |
|-----|---------------------------|---|------------------------|
| 1 | Voltage | Charging voltage | DC:21.0V CC/CV |
| | | Balance voltage for single cell | N/A |
| 2 | Current | Balance current for single cell | N/A |
| | | Low Current consumption for single cell | ≤100μA |
| | | Maximal continuous Discharging current | 7A |
| 3 | Over Charge Protection | Over charge detection voltage | 4.325V±0.025V |
| | | Over charge detection delay time | 0.96S—1.4S |
| | | Over charge release voltage | 4.075V±0.025V |
| 4 | Over Discharge Protection | Over discharge detection voltage | 2.50V±0.05V |
| | | Over discharge detection delay time | 115—173ms |
| | | Over discharge release voltage | 2.9±0.05V |
| 5 | Over Current Protection | Over current detection voltage | 0.6V |
| | | Over current detection current | 16±3A |
| | | Detection delay time | 7.2ms—11ms |
| | | Release condition | Cut load |
| 6 | Short Protection | Detection condition | Exterior short circuit |
| | | Detection delay time | 200-500us |
| | | Release condition | Charge up |
| 7 | Resistance | Protection circuitry | ≤60mΩ |
| 8 | Temperature | Operating Temperature Range | -40~+85°C |
| | | Storage Temperature Range | -40~+125°C |
| 9 | Dimensions | L 86.0mm x W 16.0mm x T 3.5mm | |

LAYOUT DIAGRAM



CONNECTION DIAGRAM

