

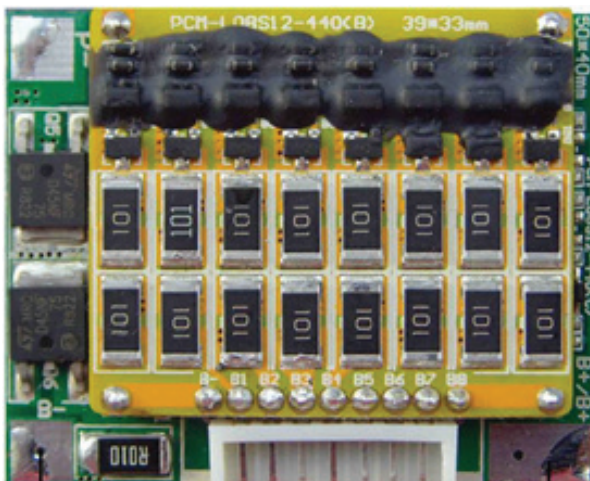


PCM for 25.6V LiFePO4 Battery Pack

SPECIFICATIONS

| No. | Test Item | Criterion | |
|-----|---------------------------|---|------------------------|
| 1 | Voltage | Charging voltage | DC:28.8V 3.6V/Cell |
| | | Balance voltage for single cell | 3.60V±0.025V |
| 2 | Current | Balance current for single cell | 72±10mA |
| | | Low Current consumption for single cell | ≤50µA |
| | | Maximal continuous Charging current | 5A |
| | | Maximal continuous Discharging current | 5A |
| 3 | Over Charge Protection | Over charge detection voltage | 3.90V±0.025V |
| | | Over charge detection delay time | 0.96S - 1.4S |
| | | Over charge release voltage | 3.80V±0.025V |
| 4 | Over Discharge Protection | Over discharge detection voltage | 2.00V±0.05V |
| | | Over discharge detection delay time | 115 - 173ms |
| | | Over discharge release voltage | 2.3±0.05V |
| 5 | Over Current Protection | Over current detection voltage | 0.62V |
| | | Over current detection current | 18±3A |
| | | Detection delay time | 7.2 - 11ms |
| | | Release condition | Cut load |
| 6 | Short Protection | Detection condition | Exterior short circuit |
| | | Detection delay time | 200-500us |
| | | Release condition | Cut load |
| 7 | Resistance | Protection circuitry | ≤50mΩ |
| 8 | Temperature | Operating Temperature Range | -40~+85°C |
| | | Storage Temperature Range | -40~+125°C |
| 9 | Dimensions | L 50.0mm x W 40.0mm x T 9.0mm | |

IMAGE



CONNECTION DIAGRAM

