



4 Cell 14.8V 2A Battery Management System for lithium 18650 battery size

Model: 4S16.8V / 180862

Description: The protection board has overcharge protection function, over discharge protection function, over current protection function, short circuit protection function,

Electrical parameters: (4 series lithium ion battery)

| | Description | Specification | unit |
|--------------------------|--|-----------------------|------|
| Charging | Overcharge protection voltage | 4.25 ±0.05 | V |
| | Overcharge recovery voltage | 4.10 ±0.05 | V |
| | Rated Charging Current | ≤2 | A |
| | charging protection | / | |
| Over Usage protection | Under voltage disconnect | 2.70 ±0.05 | V |
| | Under voltage release | 3.00 ±0.05 | V |
| | Rated Discharge Current normal | 2 | A |
| | Rated Discharge Current Peek | ≤6 | A |
| | Over current protection | 10 ±3 | A |
| Short circuit protection | CCT Included | Shutoff | |
| | Short circuit protection release condition | Disconnected Negative | |
| Temperature | Protection Type NTC | 10 | kΩ |
| Internal resistance | Series resistance | ≤25 | mΩ |
| Self-consumption | Working internal current | ≤30 | μA |
| | Sleep current (when in standby) | ≤10 | μA |
| Dimensions | PCB | 35 x 35 x 3.5 | mm |

