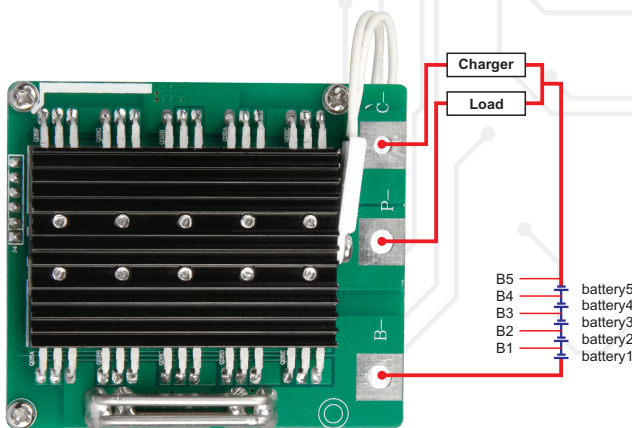


Protection Circuit Module

PCM / BMS / PCB

For 22.2V 6S Li-ion/Li-Polymer Battery Packs

| Item | | Contents | Criteria(Adjustable) |
|------|---------------------------|--|---------------------------------|
| 1 | Model | HCX-D189LI06S30A-01 / G3J | 6S-30A working current |
| 2 | Voltage | Charging voltage | 25.2V |
| 3 | Current | Maximal continuous charging current | 10A |
| | | Maximal continuous discharging current | 30A |
| | | Current consumption | ≤50μA |
| 4 | Overcharge Protection | Over charge detection voltage | 4.28V±0.025V |
| | | Over charge detection delay time | 0.5~2S |
| | | Over charge release voltage | 4.08V±0.05V |
| 5 | Over Discharge Protection | Over discharge detection voltage | 3.00V±0.05V |
| | | Over discharge detection delay time | 50~200mS |
| | | Over discharge release voltage | 3.00V±0.1V |
| 6 | Over Current Protection | Over current detection voltage | 0.1V~0.2V |
| | | Over current detection current | 85A±10A |
| | | Detection delay time | 5~20mS |
| | | Release condition | Cut load, automatically recover |
| 7 | Short Circuit Protection | Detection condition | Exterior shot circuit |
| | | Detection delay time | 200~500uS |
| | | Release condition | Cut load, automatically recover |
| 8 | Balance | Balance voltage for single cell | 4.20V±0.025V |
| | | Balance current for single cell | 84mA±10mA |
| 9 | Resistance | Inner resistance | ≤20mΩ |
| 10 | Temperature | Operating temperature range | 0 ~ +85°C |
| | | Storage temperature range | 0 ~ +85°C |
| 11 | Size (L*W*H) | L60mm*W60mm*H20mm | |



Remarks:

Charge, Discharge at same Port
 P+=B+/Charge+/Discharge+
 P-=Charge-/Discharge-

Note: Characteristics subject to change without notice

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