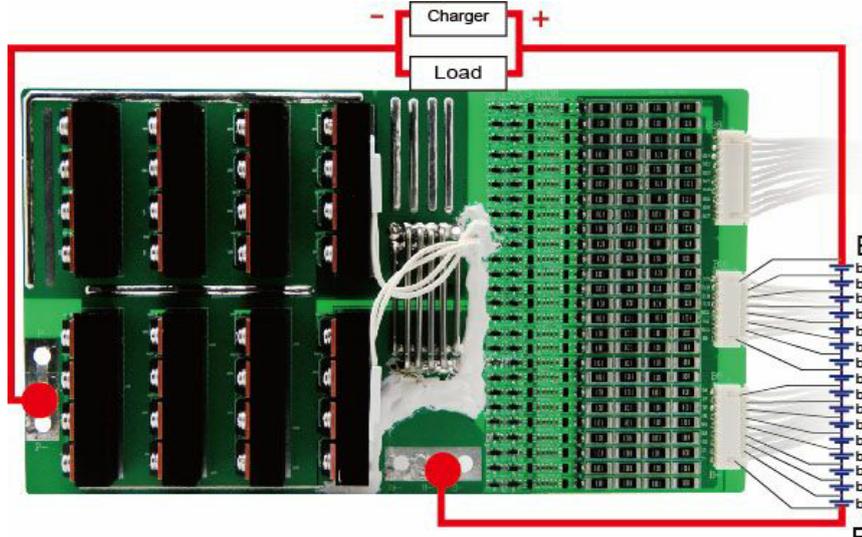


Data Sheet

| Item | Contents | | Criteria (Adjustable) |
|------|---------------------------|--|--------------------------------|
| 1 | Model | HCX-D138 | 16S-180A working current |
| 2 | Voltage | Charging voltage | 57.6V |
| 3 | Current | Maximal continuous charging current | 80A |
| | | Maximal continuous discharging current | 80A |
| | | Current consumption | ≤20μA |
| 4 | Overcharge Protection | Over charge detection voltage | 3.90V±0.025V |
| | | Over charge detection delay time | 0.5~2S |
| | | Over charge release voltage | 3.80V±0.025V |
| 5 | Over Discharge Protection | Over discharge detection voltage | 2.00V±0.05V |
| | | Over discharge detection delay time | 50~200mS |
| | | Over discharge release voltage | 2.30V±0.1V |
| 6 | Over Current Protection | Over current detection voltage | 0.1V~0.2V |
| | | Over current detection current | 240±40A |
| | | 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 | 3.60V±0.025V |
| | | Balance current for single cell | 144mA±20mA |
| 9 | Resistance | Inner resistance | ≤20mΩ |
| 10 | Temperature | Operating temperature range | -40~+85°C |
| | | Storage temperature range | -20~+125°C |
| 11 | Size (L*W*T) | L220mm*W120mm*T30mm | |



Remarks:

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

*Note:Characteristics subject to change without notice.