



AYAA TECHNOLOGY CO.,LTD  
PCM Specifications

Model: RV-LF4S1P-10A(A-1)

| Test item (Test at normal temperature 25±2℃) |  | Criterion               |
|--|--|-------------------------|
| Voltage                                      | Charging voltage                       | DC:14.4V CC/CV          |
| Supply Current                               | Current consumption for single cell    | ≤20μA                   |
|  | Maximal continuous charging current    | 10A                     |
|  | Maximal continuous discharging current | 10A                     |
|  | Balance current for single cell        | 120±10mA                |
| Over charge Protection (single cell)         | Balance voltage for single cell        | 3.60V±0.025V            |
|  | Over charge detection voltage          | 3.90±0.025V             |
|  | Over charge detection delay time       | 0.5S—2S                 |
|  | Over charge release voltage            | 3.8±0.025V              |
| Over discharge protection (single cell)      | Over discharge detection voltage       | 2.0±0.062V              |
|  | Over discharge detection delay time    | 10—300mS                |
|  | Over discharge release voltage         | 2.0±0.062V              |
| current protection (Battery pack)            | Over current detection current         | 15±5A                   |
|  | Detection delay time                   | 5ms—20ms                |
|  | Release condition                      | Cut load,Auto Recovery  |
| Short protection                             | Detection condition                    | Exterior short circuit  |
|  | Detection delay time                   | 200-500us               |
|  | Release condition                      | Cut load, Auto Recovery |
| Resistance                                   | Main loop electrify resistance         | ≤20mΩ                   |
| Temperature                                  | Operating Temperature Range            | -40~+85℃                |
|  | Storage Temperature Range              | -40~+125℃               |

SIZE: L150\*W20

NTC: / Temperature switch: / Weak current switch: / Activation Method: /

