

**Model:** Power-Xtra - 4S - 14.8V 8A Li-ion BMS

**Stock Code:** 900.600.501.007

## TECHICAL INFORMATIONS

| Item No | Specs / Details           |  | Criteria / Parameters           |
|---------|---------------------------|--|---------------------------------|
| 1       | Model                     | 4S - 14.8V 8A Li-ion BMS               | 4S-8A working current           |
| 2       | Voltage                   | Charging voltage                       | 16.8V                           |
| 3       | Current                   | Maximal continuous charging current    | 8A                              |
|         |                           | Maximal continuous discharging current | 8A                              |
|         |                           | Current consumption                    | ≤50μA                           |
| 4       | Overcharge Protection     | Over charge detection voltage          | 4.35±0.025V                     |
|         |                           | Over charge detection delay time       | 0.5~2.0S                        |
|         |                           | Over charge release voltage            | 4.15±0.05V                      |
| 5       | Over Discharge Protection | Over discharge detection voltage       | 2.40±0.08V                      |
|         |                           | Over discharge detection delay time    | 0.5S—1.5S                       |
|         |                           | Over discharge release voltage         | 3.0±0.1V                        |
| 6       | Over Current Protection   | Over current detection voltage         | 0.15±0.025V                     |
|         |                           | Over current detection current         | 25+/5A                          |
|         |                           | Detection delay time                   | 5mS—20mS                        |
|         |                           | Release condition                      | Cut load or Charging Activation |
| 7       | Short Circuit Protection  | Detection condition                    | Exterior shot circuit           |
|         |                           | Detection delay time                   | 200~500uS                       |
|         |                           | Release condition                      | Cut load or Charging Activation |
| 8       | Balance                   | Balance voltage for single cell        | -                               |
|         |                           | Balance current for single cell        | -                               |
| 9       | Resistance                | Inner resistance                       | ≤50mΩ                           |
| 10      | Temperature               | Operating temperature range            | -20 ~ +60°C                     |
|         |                           | Temperature Switch                     | -                               |
|         |                           | Storage temperature range              | -40~ +125°C                     |
| 11      | Dimension                 | Length                                 | 35mm                            |
|         |                           | Width                                  | 14mm                            |
|         |                           | Thickness                              | 3mm                             |

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## IMAGE / TECHNICAL DRAWING

