

Model: Power-Xtra - 1S - 3.7V 3A Li-ion BMS

Stock Code: 900.600.501.121

TECHICAL INFORMATIONS

| Item No | Specs / Details | | Criteria / Parameters |
|---------|---------------------------|--|-----------------------|
| 1 | Model | 1S - 3.7V 3A Li-ion BMS | 1S-3A working current |
| 2 | Voltage | Charging voltage | 4.2V |
| 3 | Current | Maximal continuous charging current | 3A |
| | | Maximal continuous discharging current | 3A |
| | | Current consumption | ≤7μA |
| 4 | Overcharge Protection | Over charge detection voltage | 4.30V±0.025V |
| | | Over charge detection delay time | 0.5~2S |
| | | Over charge release voltage | 4.10V±0.05V |
| 5 | Over Discharge Protection | Over discharge detection voltage | 2.40V±0.08V |
| | | Over discharge detection delay time | 10mS—200mS |
| | | Over discharge release voltage | 3.00±0.05V |
| 6 | Over Current Protection | Over current detection voltage | - |
| | | Over current detection current | - |
| | | Detection delay time | 5ms—50ms |
| | | Release condition | Cut load |
| 7 | Short Circuit Protection | Detection condition | Exterior shot circuit |
| | | Detection delay time | 200~600uS |
| | | Release condition | Cut load |
| 8 | Balance | Balance voltage for single cell | - |
| | | Balance current for single cell | - |
| 9 | Resistance | Inner resistance | ≤65mΩ |
| 10 | Temperature | Operating temperature range | -40 ~ +85°C |
| | | Storage temperature range | -40~ +125°C |
| 11 | Dimension | Length | 16mm |
| | | Width | 15.9mm |
| | | Thickness | 2.5mm |

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IMAGE / TECHNICAL DRAWING

