

Specification of Battery Pack

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|-------------------|------------------|----------------------|-------------|
| Customer Name | For R/C Toy Cars | Customer Drawing # | / |
| Project # | K061103 | Pack Drawing # | SK5104-01 |
| Chemistry | Ni-MH | Pack Specification # | SK061103 |
| Quantity of Cells | 4 | Connector Type | / |
| Cell Model | SP300SCMH | Pack Model # | SP300SCMH*4 |

| Description of Specification | | | | | | | |
|-------------------------------|-----------------------|----------------------------|-----------|-----------------------------|---------------------------|------------------------|----------------|
| Nominal Voltage (V) | 4.8V | | | | | | |
| Nominal Capacity (mAh) | 3000mAh | | | | | | |
| Weight | 270g | | | | | | |
| Capacity | | Charge | Discharge | Nominal | | Typical | |
| | Low Rate | 0.1C | 0.2C | 2850 | mAh | 2930 | mAh |
| | High Rate | 0.1C | 1C | 2280 | mAh | 2560 | mAh |
| Charging | | Standard | | Quick* | | Fast* | |
| | Minimum Charge | 285 | mA | 285 | mA | 285 | mA |
| | Time Required (hrs) | 16 | Hours | 16 | Hours | 16 | Hours |
| | Maximum Charge | 570 | mA | 1425 | mA | 2850 | mA |
| | Time Required (hrs) | 8 | Hours | 150 | min | 72 | min (or - Δ V) |
| | Minimum Overcharge | 285 | mA | | for | 24 | Hours |
| Maximum Overcharge | 2850 | mA | for | 90 | min | (with cut-off control) | |
| Maximum Discharge Current | Continuous | 14 | A | | | | |
| | Momentary (1 second) | 29 | A | | | | |
| Temperature | | Storage for < 1 Month (°C) | | | Storage for < 1 Year (°C) | | |
| | Minimum | -20 | | | -10 | | |
| | Maximum | 45 | | | 35 | | |
| | | Discharge (°C) | | | Charge (°C) | | |
| | Minimum | -10 | | | 0 | | |
| | Maximum | 50 | | | 40 | | |
| Service Life | Standard (IEC61436) | 500 | | cycles (for reference only) | | | |
| Designations | IEC - 61436/FIDS | | | | | | |
| Appearance and Dimensions(mm) | Refer to drawing # | Height | Width | Length | | | |
| | | MAX48.0 | MAX25.0 | MAX95.0 | | | |
| Components and Parts | Connector | / | | | | | |
| | Polyswitch | / | | | | | |
| | Thermostat | / | | | | | |

* Quick and Fast charge requires charge control circuitry to terminate charge or switch to trickle charge when cell reaches full charge

Remark: The information contained herein is presented only as a guide for the applications of our products.

Data in this specification are subjected to change without notice and become contractual only after written confirmation by STI(HONG KONG) LTD.