

Specification of Li-ion Rechargeable Battery

Model No.: 103456A-1S-3M

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Checked by: _____ Date : _____

Approved by: _____ Date: _____

1. Scope

This specification describes the definition, technical requirement, testing method, warning

and caution of the Lithium ion rechargeable battery.

Product Model

- 2.1 Battery type: Lithium ion rechargeable battery pack
2.2 Model No.: 103456A-1S-3M

2. Basic Specification

3.1	Nominal voltage	3.7V
3.2	Capacity	2050mAh (0.2C discharged from 4.2V to 2.75V)
3.3	Charge voltage	4.20±0.05V
3.4	Max charge current	0.5C(1025mA)
3.5	Charge conditions	CC / CV
3.6	Max continuous discharge current	1C (2050mA)
3.7	Max discharge current	2.2A
3.8	Discharge cut-off voltage	2.30V(-0.057V/+0.058V)
3.9	Internal Impedance	<180mohm (after charged)
3.10	Thermistor	10K NTC
3.11	Working temperature	Charge: 0 ~ +45°C
3.12		Discharge: -20 ~ +60°C<recommend -0~45°C>
3.13	Storage temperature	-20 ~ +45°C<recommend -0~35°C>
3.14	Relative humidity	65±20%
3.15	Weight	Approx 45g <for battery pack>
3.16	Battery pack dimension	Unit mm:

3. Visual Inspection

There shall be no such defects as remarkable scratches, cracks, bolts, cup cancers, deformations, swelling, leakage.