



	<b>PRODUCT SPECIFICATION</b>	Rev.	1.0
		Date	2008.08.29
<b>SE201 (Rechargeable Li-ion Battery Pack 2P3S, 4400mAh)</b>		Page	Sheet 2 of 3

## 1. Descriptions

1.1 Description Rechargeable Lithium ion battery pack

1.2 Battery Cell Configuration 2P-3S

## 2. Electrical specification

Item	Specification	Remarks
2.1 Capacity	4400mAh	Nominal (by standard charge and discharge)
	4300mAh	Minimum
2.2 Voltage	11.1V	Nominal
2.3 Charging method	CC-CV	Constant-voltage with limited current
2.4 Charging voltage	12.6±0.05V	
2.5 Charging current	2400mAh	Standard
	4800mAh	Maximum
2.6 Charging current cut-off	< 240mA	
2.7 Discharging current	2400mAh	Standard
	4800mAh	less than 10min
2.8 Discharge cut-off voltage	9.0V	
2.9 Internal resistance	< 450mΩ	
2.10 Operating temperature	0 to 45°C	Standard charge
	-10 to 50°C	Standard discharge
2.11 Storage temperature	-10 ~ 30°C	≤ 1 Year
	-10 ~ 45°C	≤ 3 Months
	-10 ~ 60°C	≤ 1 Month
2.12 Storage humidity	20 ~ 85 % RH	Not condensed
2.13 Smart Module Communication	SMBus	Type
	V1.1	Revision

## 3. Safety specification

Item	Remarks	Specification
3.1 Over charge	Prohibition	13.05± 0.15V
	Release	12.15± 0.15V
	Delay time	0.5 ~ 1.5s
3.2 Over discharge	Prohibition	7.20±0.45V
	Release	8.10±0.45V
	Delay time	0.5 ~ 1.5s
3.3 Over current	Prohibition	8.0 ~ 12.0A (Depend on cell voltage)
	Release	by charging
	Delay time	5 ~ 15ms
3.4 Power dissipation	Operating	< 400uA
	Shut down	< 30uA

## 4. Physical specification

Item	Remarks	Specification
3.1 Dimension	L × W × H	214.5±0.5 × 52.5±0.5 × 19.0±0.3
3.2 Terminal (Output)		Power(+), Clock(C), Data(D), Thermistor(T), Power(-)
3.3 Weight		< 350g

## 5. Certification : UL (No. : MH29843)

