SPECIFICATION APPROVAL SHEET Li-Ion Akkupack 7,4V / 3500 mAh

1. Key parameters

Item	Parameters	Remark
Nominal Capacity	3500mAh	0.2 C 5.0V
Min Capacity	3350mAh	
Nominal Voltage	7.2V	/
Voltage of Shipment	≥7.0V	
Standard Charge Method	0.2C, CC-CV charge to Charge Limit Voltage, cut-off at 0.02C	25±2°C
Standard Discharge Method	0.2C CC Discharge to Discharge Cut-off Voltage.	25±2°C
Max. Charge Current	1.0C	15-45°C
Max. Discharge Current	1.0C	15-60°C
Over-Current Discharge Protection	13±4A	1000ms
Over discharge detection voltage	2.4±0.06V	
Over discharge release voltage	3.0±0.075V	
Overcharge detection voltage	4.25±0.025V	
Overcharge release voltage	4.0±0.05V	
Internal Impedance	≤180mΩ	AC Impedance 1kHz
Weight	≈100g	About
Short Circuit protection	100uS	Disconnect the shortcircuit load
Operating Temperature and Humidity Range	Charge Temperature: 0°C~45°C Relative Humidity: 45-85%RH	Charge
	Discharge Temperature: -20°C~60°C Relative Humidity: 45-85%RH	Discharge
Storage(50%SOC)	Less than 1 month	+45°C+60°C, 90%RH Max
	Less than 3 months	+30°C~+45°C, 85%RH Max
	Less than 12 months	-20°C~+30°C, 85%RH Max

2. Cell size structure (in mm)

