

SPECIFICATION APPROVAL SHEET Li-Ion Akkupack 14.8V / 3500 mAh

1. Key parameters

Item	Parameters	Remark
Nominal Capacity	3500mAh	0.2 C 2.5V
Min Capacity	3330mAh	
Nominal Voltage	14.4V	/
Voltage of Shipment	≥14.2V	
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±3A	/
Over discharge detection voltage	2.7±0.1V	
Over discharge release voltage	3.0±0.1V	
Overcharge detection voltage	4.25±0.035V	
Overcharge release voltage	4.1±0.1V	
Internal Impedance	≤200mΩ	AC Impedance 1kHz
Weight	≈200g	About
Work consumes current	40uA Max	
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)

