

SPECIFICATION APPROVAL SHEET Li-Ion Akkupack 11,1V / 3500 mAh

1. Key parameters

| Item | Parameters | Remark |
|--|--|------------------------|
| Nominal Capacity | 3500mAh | 0.2 C 7.5V |
| Min Capacity | 3350mAh | |
| Nominal Voltage | 10.8V | / |
| Voltage of Shipment | ≥10.5V | |
| 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 | 20±3A | 1000ms |
| Over discharge detection voltage | 2.5±0.08V | |
| Over discharge release voltage | 3.0±0.1V | |
| Overcharge detection voltage | 4.25±0.025V | |
| Overcharge release voltage | 4.15±0.05V | |
| Internal Impedance | ≤180mΩ | AC Impedance 1kHz |
| Weight | ≈150g | About |
| 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)

