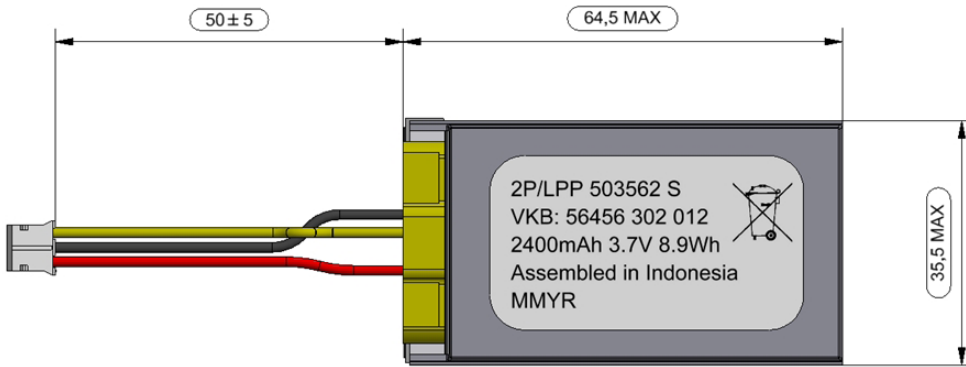


Product Information



2P/LPP 503562 S PCM WC

▶ VKB 56456 302 012



2P/LPP 503562 S
 VKB: 56456 302 012
 2400mAh 3.7V 8.9Wh
 Assembled in Indonesia
 MMYR

MM ▶ month two digits
 Y ▶ year one digit
 R ▶ week one digit

1. GENERAL

Battery Pack including safety circuit & wires with connector

- Cell ▶ LPP 503562 S
- PCM ▶ Yes
- NTC ▶ 10kΩ ± 1%; B-value 3435K ± 1%
- ID ▶ None
- Configuration ▶ 2P stack up
- Weight ▶ appr. 45g

2. ELECTRICAL SPECIFICATION

- Rated Capacity ▶ 2300mAh min., 2400mAh nominal
- Nominal Voltage ▶ 3.7V
- Watt-Hour Rating ▶ 8.9Wh
- Charging Method ▶ Constant Current + Constant Voltage
- Max. Charge Voltage: ▶ 4.2V
- Max. Continuous Charge Current: ▶ 1150mA (limited by cell DS)
- Rec. Charge Cut Off: ▶ 23mA or timer 3.5h
- Max. Continuous Discharge Current: ▶ 2000mA (limited by connector)
- Rec. Discharge Cut Off: ▶ 3V
- Internal Impedance: ▶ approx. 90mΩ
- Expected Cycle Life @ (1.0C/1.0C) @ 23.5°C ▶ 500 cycles > 70%

CELL PROTECTION

- Overcharge Detection ▶ 4.3V ± 20mV (0.8 to 1.2sec. delay, resume 4.1V ± 30mV)
- Overdischarge Detection: ▶ 2.4V ± 35mV (76.8 to 115.2msec. delay, @ remove loader & charging current)
- Overcurrent Detection ▶ 3.2A to 5.2A (9.6 to 14.4msec. delay @ discharge)

3. AMBIENT CONDITIONS

- Temperature Range
- Charge ▶ 0 to +45°C
- Discharge ▶ -20 to +60°C
- Storage with >80% capacity recovery
 - ▶ 1 year at -20 to +30°C
 - ▶ 3 months at -20 to +45°C
 - ▶ 1 month at -20 to +60°C
- Humidity ▶ 65 ± 20%RH

4. ENVIRONMENTAL AND SAFETY

Please follow VARTA Handling and Safety Precautions for Lilon & LiPolymer.
 The cell used is a UL recognized component according to UL1642 and UN 38.3 certified.
 The cell is IEC 62133 edition 2 certified.
 This battery meets the requirements of Battery Directives and the battery parts are RoHS-Compliant.

Minimum Order Quantity: 600 pcs / Order Multiples: 120 pcs - Product for OEM customers only!

Circuit Diagram

