

Product Information



1/LPP 503562 S PCM PC

EZPack L ► VKB 56456 701 099



MM ► month two digits
Y ► year one digit
R ► week of month one digit

1. GENERAL

Battery with safety circuit and plastic housing

- Cell
- PCM
- NTC
- ID
- Configuration
- Weight

- LPP 503562 S
- Yes
- $10 \text{ k}\Omega \pm 1\%$; B-Value $3435\text{K} \pm 1\%$
- $10 \text{ k}\Omega \pm 1\%$
- 1S
- appr. 26g

2. ELECTRICAL SPECIFICATION

- Rated Capacity
- Nominal Voltage
- Watt-Hour Rating
- Charging Method
- Max. Charge Voltage:
- Max. Continuous Charge Current:
- Rec. Charge Cut Off:
- Max. Continuous Discharge Current:
- Rec. Discharge Cut Off:
- Internal Impedance:
- Expected Cycle Life

- 1150mAh min., 1200mAh typical
- 3.7V
- 4.3Wh
- Constant Current + Constant Voltage
- 4.2V
- 1150mA
- by current 11.5mA or time 3.5h
- 2100mA (limited by PTC)
- 3V
- approx. $99\text{m}\Omega$
- >500 cycles >70% of initial cap.

CELL PROTECTION

- Overcharge Detection
- Overdischarge Detection:
- Overcurrent Detection

- $4.3 \pm 0.02\text{V}$ (0.8 to 1.2sec. delay, resume $4.1\text{V} \pm 0.03\text{V}$)
- $2.40\text{V} \pm 0.035\text{V}$ (76.8 to 115.2msec. delay, resume remove load & charging current)
- 3.2A to 5.2A (9.6 to 14.4msec. delay)

3. AMBIENT CONDITIONS

Temperature Range

- Charge
- Discharge
- Storage
- Humidity

- 0 to $+45^\circ\text{C}$
- -10 to $+60^\circ\text{C}$
- Less than 1 month at -20 to $+60^\circ\text{C}$
- Less than 3 months at -20°C to $+45^\circ\text{C}$
- Less than 1 year at -20°C to $+30^\circ\text{C}$
- $65 \pm 20\%\text{RH}$

4. ENVIRONMENTAL AND SAFETY

Please follow VARTA Handling and Safety Precautions for LiIon & LiPolymer.

The cell is approved according UL1642 and UN 38.3 certified.

This battery meets the requirements of Battery Directives and the battery parts are RoHS-Compliant.

This battery is UL 2054 listed and certified according to IEC 62133 edition 2.

Minimum Order Quantity: 600 pcs / Order Multiples: 150 pcs - Product for OEM customers only!

