# **Product Information**

1/LPP 503562 S PCM PC EZPack L > VKB 56456 701 099





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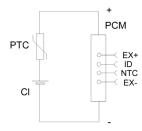
# 1. GENERAL

Battery with safety circuit and plastic housing

PCM Yes

ID ho 10 kΩ ±1% Configuration ho 1S Weight ho appr. 26g

### **Protection Circuit Module**



64,5±0,2

## 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
@ (1C/1C) @23 ±5°C

- ▶ 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. 99mΩ
- > >500 cycles >70% of initial cap.

# To 29,6±0.08 or ontact pilich or ontact

(4×

2 +0,1

2.5

# **CELL PROTECTION**

Overcharge Detection

**Overcurrent Detection** 

 4.3 ±0.02V (0.8 to 1.2sec. delay, resume 4.1V ±0.03V)

Overdischarge Detection:

- 2.40V ±0.035V (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°C
- ► -10 to +60°C
- ► Less than 1 month at at -20 to +60°C
- ► Less than 3 months at -20°C to +45°C
- ► Less than 1 year at -20°C to +30°C°C
- ▶ 65 ± 20%RH

### 4. ENVIRONMENTAL AND SAFETY

Please follow VARTA Handling and Safety Precautions for Lilon & 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.



1,2

B (5:1)