# **Product Information**

2P/LPP503562 S PCM PC EZPack XL > VKB 56456 702 099



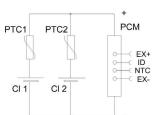


## **■ VARTA** EasyPack Rechargeable Li-Polymer EZPack XL 56456 702 099 - 1ICP5/35/62-2 3.7V 2400mAh 8.9Wh Do not: incinerate, disassemble, short terminals, expose to high temp. above 140°F (60°C), risk of fire, explosion VARTA Microbattery GmbH Assembled in Indonesia (€ **%**) ММ month two digits

R

year one digit

week of month one digit



### **Protection Circuit Module**

## 1. GENERAL

Battery with safety circuit and plastic housing

▶ LPP 503562 S Cell

**PCM** Yes

**NTC** 10 kΩ ±1%; B-Value 3435K ±1%

ID > 24 kΩ ±1% Configuration ▶ 2P Weight appr. 48g

## 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

> 2300mAh min., 2400mAh typical

▶ 3.7V

▶ 8.6Wh

► Constant Current + Constant Voltage

▶ 4.2V

> 2300mA

by current 23mA or time 3.5h

> 3200mA (limited by PCM)

▶ 3V

approx. 68mΩ

>500 cycles >70% of initial cap.

## **CELL PROTECTION**

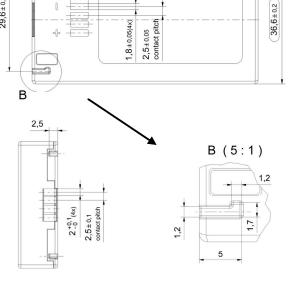
Overcharge Detection

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

Overdischarge Detection:

2.40V ±0.035V (76.8 to 115.2msec. delay, release remove load & charging current)

**Overcurrent Detection** > 3.2A to 5.2A (9.6 to 14.4msec. delay)



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29,6±0,08

## 3. AMBIENT CONDITIONS

Temperature Range

- Charge
- Discharge
- Storage
- ▶ 0 to +45°C
- ► -20 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
- Humidity ▶ 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 recognized and is certified according to IEC 62133 edition 2 (pending).