Product Information

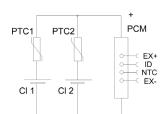
2P/LPP503562 S PCM PC EZPack XL > VKB 56456 702 099





■ 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 (**F F)**

ММ month two digits year one digit R 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% ▶ 2P Configuration Weight ► appr. 48g

2. ELECTRICAL SPECIFICATION

Rated Capacity > 2300mAh min., 2400mAh typical **Nominal Voltage** ▶ 3.7V Watt-Hour Rating ▶ 8.6Wh

Charging Method ► Constant Current + Constant Voltage

▶ 4.2V

Charge Current: > 2300mA

Rec. Charge Cut Off: by current 23mA or time 3.5h

Max. Continuous **Discharge Current:** > 3200mA (limited by PCM)

Rec. Discharge Cut Off: > 3V

Internal Impedance: approx. 68mΩ **Expected Cycle Life**

>500 cycles >70% of initial cap.

CELL PROTECTION

@ (1C/1C) @23 ±5°C

Max. Charge Voltage:

Max. Continuous

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)

29,6±0,08 36,6±0,2 contact pitch $,8\pm 0.05(4x)$ $2,5\pm 0,05$ В 2.5 B (5:1) 2 +0,1(4x) ď,

64.5±0.2

11

11,4±0,2

3. AMBIENT CONDITIONS

Temperature Range

Charge

Discharge

Storage

▶ 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

 Humidity ▶ 65 ± 20%RH



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.

