

# Product Information

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



**VARTA EasyPack**

Rechargeable Li-Polymer  
EZPack L  
56456 701 099 - 11CP5/35/62  
3.7V 1200mAh 4.5Wh

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

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

## 1. GENERAL

Battery with safety circuit and plastic housing

- Cell ▶ LPP 503562 S
- PCM ▶ Yes
- NTC ▶ 10 kΩ ±1%; B-Value 3435K ±1%
- ID ▶ 10 kΩ ±1%
- Configuration ▶ 1S
- Weight ▶ appr. 26g

## 2. ELECTRICAL SPECIFICATION

- Rated Capacity ▶ 1150mAh min., 1200mAh typical
- Nominal Voltage ▶ 3.7V
- Watt-Hour Rating ▶ 4.3Wh
- Charging Method ▶ Constant Current + Constant Voltage
- Max. Charge Voltage: ▶ 4.2V
- Max. Continuous Charge Current: ▶ 1150mA
- Rec. Charge Cut Off: ▶ by current 11.5mA or time 3.5h
- Max. Continuous Discharge Current: ▶ 2100mA (limited by PTC)
- Rec. Discharge Cut Off: ▶ 3V
- Internal Impedance: ▶ approx. 99mΩ
- Expected Cycle Life @ (1C/1C) @23 ±5°C ▶ >500 cycles >70% of initial cap.

## CELL PROTECTION

- Overcharge 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)
- Overcurrent Detection ▶ 3.2A to 5.2A (9.6 to 14.4msec. delay)

## 3. AMBIENT CONDITIONS

- Temperature Range
  - Charge ▶ 0 to +45°C
  - Discharge ▶ -10 to +60°C
  - Storage
    - ▶ 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 2054 listed and certified according to IEC 62133 edition 2.

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

### Protection Circuit Module

