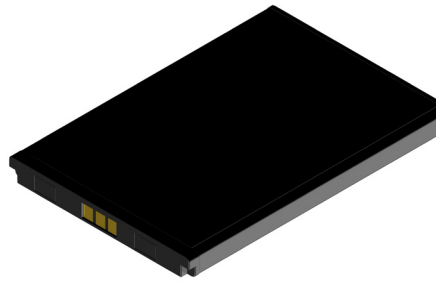


Product Information

1/LPP 454261 8TH PCM MM
EZPack SLIM ▶ VKB 56426 801 096



WW ▶ week two digits
YY ▶ year two digits

1. GENERAL

Battery with safety circuit and plastic metal combination

Cell	▶ LPP 454261 8TH
PCM	▶ Yes
NTC	▶ 10kΩ ±1%; B-Value 3435K ±1%
ID	▶ None
Configuration	▶ 1P
Weight	▶ appr. 34g

2. ELECTRICAL SPECIFICATION

Rated Capacity	▶ 1530mAh min., 1590mAh typical
Nominal Voltage	▶ 3.7V
Watt-Hour Rating	▶ 5.9Wh
Charging Method	▶ Constant Current + Constant Voltage
Max. Charge Voltage:	▶ 4.2V (±50mV)
Max. Continuous Charge Current:	▶ 1.6A (limited by PCM)
Rec. Charge Cut Off:	▶ by current 50mA or time 2.5h
Max. Continuous Discharge Current:	▶ 1.6A (limited by PCM)
Rec. Discharge Cut Off:	▶ 3V
Internal Impedance (1kHz):	▶ approx. 100mΩ fully charged
Expected Cycle Life @ (1C/0.5C) @ 23 ±2°C	▶ 500 cycles ≥ 67% of initial cap.

CELL PROTECTION

Overcharge Detection	▶ 4.275V ±0.25V (0.7 to 1.3sec. delay, resume 4.275V ±0.25V)
Overdischarge Detection:	▶ 2.3V ±0.58V (14 to 26msec. delay, resume 2.3V ±0.58V)
Overcurrent Detection	▶ discharge: 1.7A to 4.5A (11 to 21msec. delay) charge: 1.6A to 5A (8 to 16 msec. delay)

3. AMBIENT CONDITIONS

Temperature Range	
• Charge	▶ 0 to +45°C
• Discharge	▶ -20 to +55°C
• Charge Retention/Storage	▶ 1 month at -10 to +45°C >85%
• 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: 300 pcs / Order Multiples: 150 pcs - Product for OEM customers only!

Protection Circuit Module

