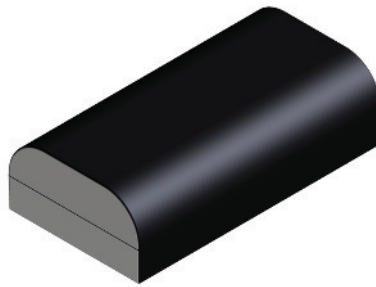


Product Information



2P/LIC 18650-26HC PCM PC
EZPack PLUS ▶ VKB 56637 702 099



VARTA EasyPack
Rechargeable Li-Ion Battery EZPack PLUS
56637 702 099 - 1CR19/65-2
3.63V 5.2Ah 19Wh

CAUTION!

- May explode if disposed of in fire.
- Do not open.
- Must be recycled or disposed of properly.
- Do not replace by a battery other than that specified by manufacturer.
- Use specified charger only.

VARTA Storage GmbH
Made in Romania by VARTA Microbattery SRL

WW ▶ week two digits
YY ▶ year two digits

1. GENERAL

Battery rechargeable with safety circuit

- Cell ▶ LIC 18650-26HC
- PCM ▶ Yes
- NTC ▶ $10k\Omega \pm 1\%$, B25/85=3435K $\pm 1\%$
- ID ▶ $52.3k\Omega \pm 1\%$
- Configuration ▶ 2P
- Weight ▶ appr. 105g

2. ELECTRICAL SPECIFICATION

- Nominal Capacity ▶ 5200mAh min (at 0.2C and 20°C)
- Minimum Capacity ▶ 5100mAh min
- Nominal Voltage ▶ 3.63V
- Charging Method ▶ Constant Current + Constant Voltage
- Max. Charge Voltage: ▶ 4.2V
- Standard Charge Current: ▶ 1250mA
- Max. Continuous Charge Current: ▶ 2500mA (limited by PCM)
- Rec. Charge Cut Off: ▶ by time standard charge 3h
rapid charge 2.5h
by min current 0.05C
- Max. Continuous Discharge Current: ▶ 4500mA
- Rec. Discharge Cut Off: ▶ 3V
- Internal Impedance: ▶ $\leq 80m\Omega$ @ 1kHz at 4.2V
- Expected Cycle Life ▶ 300 cycles $\geq 3570mAh$

CELL PROTECTION

- Overcharge Detection ▶ $4.225V \pm 0.025V$ (0.96 to 1.4sec. delay, resume $4.025V \pm 0.05V$)
- Overdischarge Detection: ▶ $2.8V \pm 0.05V$ (61 to 90msec. delay, resume $2.8V \pm 0.1V$)
- Overcurrent Detection ▶ 5.4A to 9.2A (7.2 to 11msec. delay)

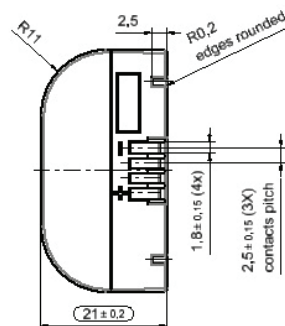
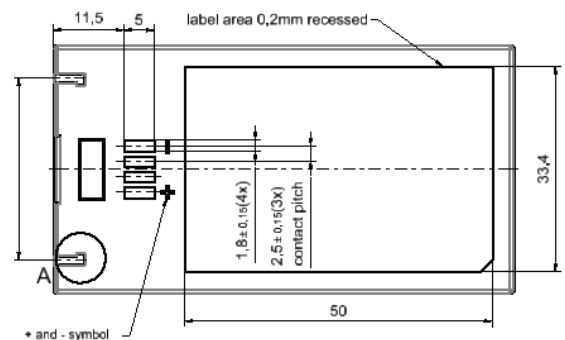
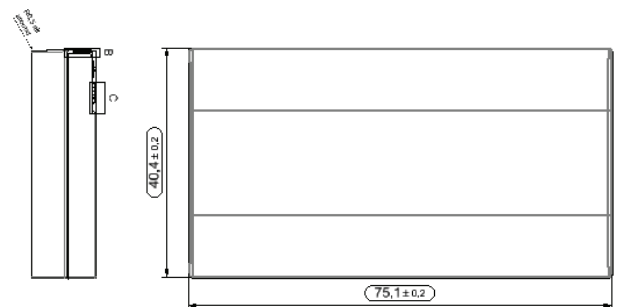
3. AMBIENT CONDITIONS

- Temperature Range
 - Charge ▶ 0 to +45°C
 - Discharge ▶ -20 to +45°C
 - Storage ▶ 1 year at -20 to +25°C
3 months at -20 to +45°C
1 month at -20 to +25°C
- Humidity ▶ $65 \pm 20\%RH$

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: 270 pcs / Order Multiples: 135 pcs - Product for OEM customers only!



Protection Circuit Module

