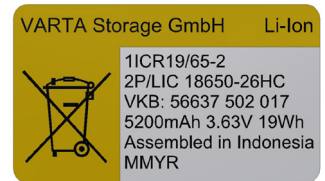
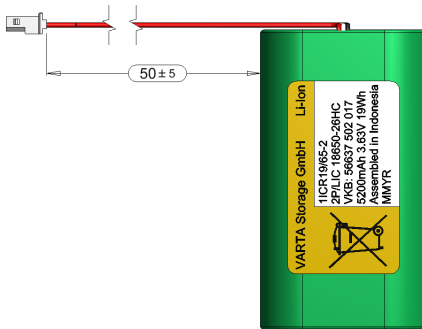


Product Information

2P/LIC 18650 26 HC PCM S WC

► VKB 56637 502 017



MM ► month two digits
Y ► year one digit
R ► VARTA internal one digit

1. GENERAL

Li-Ion Battery Pack in shrink sleeve incl. safety circuit, wires and connector

Cell	► LIC 18650-26 HC
PCM	► Yes
NTC	► 10kΩ ± 3%; B-value: 3435K ± 3%
ID	► None
Configuration	► 2P
Weight	► appr. 95g

2. ELECTRICAL SPECIFICATION

Rated Capacity	► 5100mAh min., 5200mAh nominal
Nominal Voltage	► 3.63V
Watt-Hour Rating	► 19Wh
Charging Method	► Constant Current + Constant Voltage
Max. Charge Voltage [V]:	► 4.2 (±50mV)
Max. Continuous Charge Current:	► 2500mA (limited by PCM)
Rec. Charge Cut Off:	► 0.05C or timer 3h
Max. Continuous Discharge Current:	► 2500mA (limited by PCM)
Rec. Discharge Cut Off:	► 2.75V
Internal Impedance:	► approx. 100mΩ
Expected Cycle Life @ (0.5C/0.5C) @ 25°C	► 300 cycles @ ≥ 3570mAh

CELL PROTECTION

Overcharge Detection	► 4.250V ± 4.300V (0.6 to 1.3sec. delay, auto release)
Overdischarge Detection:	► 2.220V ± 2.380V (60 to 130msec. delay, auto release)
Overcurrent Detection @ charging	► 3.6A to 7.0A (15 to 33msec. delay)
Overcurrent Detection @ discharging	► 4.0A to 6.3A (9.8 to 22msec. delay)

3. AMBIENT CONDITIONS

Temperature Range	
• Charge	► 0 to +45°C
• Discharge	► -20 to +60°C
• Charge Retention/ Storage [%]	► 1 year at -20 to +25°C > 80% ► 3 months at -20°C to +45°C > 80% ► 1 month at -20°C to +60°C > 80%
• Humidity	► 65 ± 20%RH

4. ENVIRONMENTAL AND SAFETY

Please follow VARTA Handling and Safety Precautions for Lilon & LiPolymer.

The cell used is a UL recognized component according to UL1642.

This battery meets the requirements of Battery Directives and the battery parts are RoHS-Compliant.

This battery is certified according to IEC62133 edition 2 and UN 38.3.

Minimum Order Quantity: 400 pcs / Order Multiples: 50 pcs - Product for OEM customers only!

Circuit Diagram

