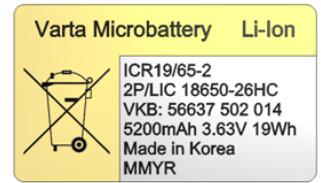
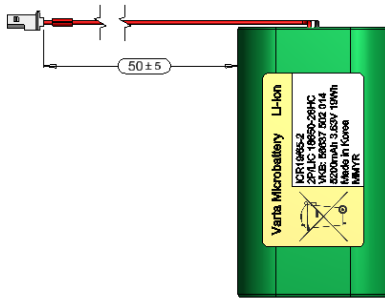


Product Information



2P/LIC 18650 26 HC PCM S WC

▶ VKB 56637 502 014



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

