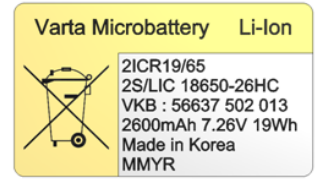
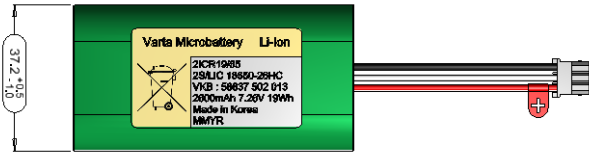


Product Information

2S/LIC 18650 26 HC PCM S WC

▶ VKB 56637 502 013



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; B-value: 3435 ±1%
ID	▶ None
Configuration	▶ 2S layflat multiple
Weight	▶ appr. 95g

2. ELECTRICAL SPECIFICATION

Rated Capacity	▶ 2550mAh min., 2600mAh nominal
Nominal Voltage	▶ 7.26V
Watt-Hour Rating	▶ 19Wh
Charging Method	▶ Constant Current + Constant Voltage
Max. Charge Voltage [V]:	▶ 8.4 (±50mV)
Max. Continuous Charge Current:	▶ 2000mA (limited by PCM)
Rec. Charge Cut Off:	▶ 0.05C or timer 3h
Max. Continuous Discharge Current:	▶ 2000mA (limited by PCM)
Rec. Discharge Cut Off:	▶ 5.5V
Internal Impedance:	▶ approx. 220mΩ
Expected Cycle Life @ (0.5C/0.5C) @ 25°C	▶ 300 cycles @ ≥ 1785mAh

CELL PROTECTION

Overcharge Detection	▶ 4.325V ~ 4.375V (920msec. ~ 1380msec. delay, resume 4.100V ~ 4200V)
Overdischarge Detection:	▶ 2.220V ~ 2.350V (115msec. ~ 173msec. delay, resume 2.800V ~ 3.000V)
Overcurrent Detection	▶ 2.6A to 4.6A (7.20msec. ~ 11.00msec. delay)

3. AMBIENT CONDITIONS

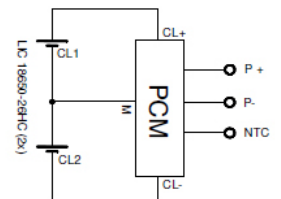
Temperature Range	
• Charge	▶ 0 to +45°C
• Discharge	▶ -20 to +60°C
• Storage with >80% Capacity recovery	
	▶ 1 year at -20 to +25°C
	▶ 3 months at -20°C to +45°C
	▶ 1 month at -20°C to +60°C

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



Pin 1: red wire (+)
AWG 22 UL 1007
Pin 2: white wire (NTC)
AWG 22 UL 1007
Pin 3: black wire (-)
AWG 22 UL 1007

Molex connector:
Housing 5264-03
Terminal 5263 PBT

