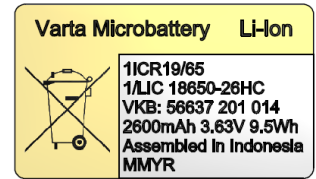
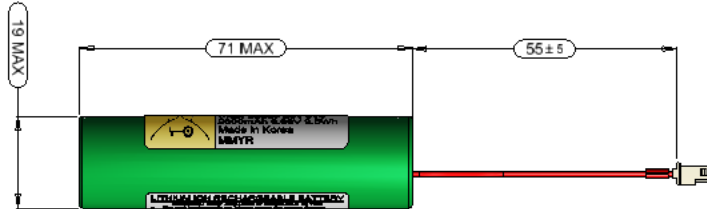


Product Information

1/LIC 18650 26 HC PCM S WC

► VKB 56637 201 014



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

1. GENERAL

Battery Pack in shrink sleeve incl. safety circuit and wire connector

Cell	► LIC 18650-26 HC
PCM	► Yes
NTC	► None
ID	► None
Configuration	► 1S
Weight	► appr. 50g

2. ELECTRICAL SPECIFICATION

Rated Capacity	► 2550mAh min., 2600mAh nominal
Nominal Voltage	► 3.63V
Watt-Hour Rating	► 9.5Wh
Charging Method	► Constant Current + Constant Voltage
Max. Charge Voltage [V]:	► 4.2 (±50mV)
Max. Continuous Charge Current:	► 2500mA (limited by Connector)
Rec. Charge Cut Off:	► 0.05C or timer 2.5h
Max. Continuous Discharge Current:	► 2500mA (limited by Connector)
Rec. Discharge Cut Off:	► 2.75V
Internal Impedance:	► approx. 120mΩ
Expected Cycle Life @ (0.5C/0.5C) @ 25°C	► 300 cycles @ ≥ 1785mAh

CELL PROTECTION

Overcharge Detection	► 4.300 ± 0.025V (0.8 to 1.2sec. delay, resume 4.100V ± 0.030V)
Overdischarge Detection:	► 2.400V ± 0.035V (76.8 to 115.2msec. delay, resumed by removing load)
Overcurrent Detection	► 6A to 8A (9.6 to 14.4msec. 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: 550 pcs / Order Multiples: 110 pcs - Product for OEM customers only!

Circuit Diagram

