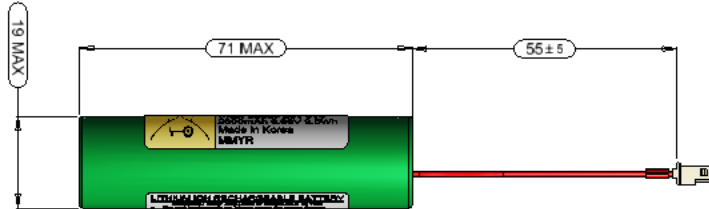


Product Information

1/LIC 18650 26 HC PCM S WC
 ▶ VKB 56637 201 014



Varta Microbattery	Li-Ion
	1ICR19/65 1/LIC 18650-26HC VKB: 56637 201 014 2600mAh 3.63V 9.5Wh Assembled in Indonesia MMYR

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

