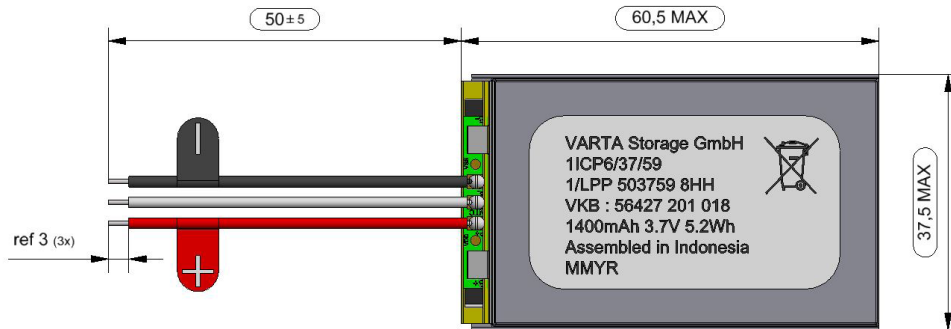


Product Information

1/LPP 503759 8HH PCM W

► VKB 56427 201 018



VARTA Storage GmbH
1ICP6/37/59
1/LPP 503759 8HH
VKB : 56427 201 018
1400mAh 3.7V 5.2Wh
Assembled in Indonesia
MMYR



MM ► month two digits
Y ► year one digit
R ► week one digit

1. GENERAL

Battery Pack in shrink sleeve incl. safety circuit & wires

Cell	► LPP 503759 8HH
PCM	► Yes
NTC	► 10kΩ ± 1%; B-value 3380
ID	► None
Configuration	► 1S
Weight	► appr. 25g

2. ELECTRICAL SPECIFICATION

Rated Capacity	► 1320mAh min., 1400mAh typical
Nominal Voltage	► 3.7V
Watt-Hour Rating	► 5.2Wh
Charging Method	► Constant Current + Constant Voltage
Max. Charge Voltage:	► 4.2V (±50mV)
Max. Continuous Charge Current:	► 1980mA (limited by cell DS)
Rec. Charge Cut Off:	► 50mA or timer 2.5h
Max. Continuous Discharge Current:	► 2000mA (limited by PCM)
Rec. Discharge Cut Off:	► 3V
Internal Impedance:	► approx. 100mΩ
Exp. Cycle Life @ (1C/0.5C) @ 23 ±2°C	► 500 cycles ≥ 1098mAh

CELL PROTECTION

Overcharge Detection	► 4.275V ± 25mV (0.7 to 1.3sec. delay, resume 4.275V ± 25mV)
Overdischarge Detection:	► 2.3V ± 58mV (14 to 26msec. delay, resume 2.3V ± 58mV)
Overcurrent Detection	► 2A to 4.5A (8 to 16msec. delay @ discharge)

3. AMBIENT CONDITIONS

Temperature Range	
• Charge	► 0 to +45°C
• Discharge	► -20 to +60°C
• Storage Capacity	
Recovery Rate	► 1 month at -10 to +45°C > 85%
• Humidity	► 65 ± 20%RH

4. ENVIRONMENTAL AND SAFETY

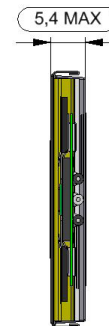
Please follow VARTA Handling and Safety Precautions for Lilon & LiPolymer.

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.

The battery is certified according to IEC 62133 edition 2 and UN 38.3.

Minimum Order Quantity: 600 pcs / Order Multiples: 120 pcs - Product for OEM customers only!



Circuit Diagram

