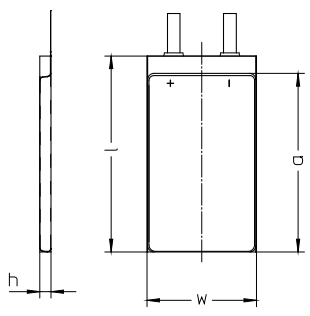


Data Sheet¹

	<p>Type Designation LPP 523450 DL Type Number 56493 System Li-Ion</p> <p>UL Recognition UL1642</p> <p>Nominal Voltage [V] 3.7 (average) Typical capacity [mAh] 1000 (at C/5 from 4.2 V to 2.85 V at 20 °C) Minimum capacity C [mAh] 950 (at C/5 from 4.2 V to 2.85 V at 20 °C)</p> <p>Dimensions [mm] Length (l) Max. 50.5 (without Tabs) Width (w) Max. 34.5 Height (h) Max. 5.3 / 5.6 (fully charged / @ 500 cycles)</p> <p>Weight, approx. [g] 17</p> <p>Charging Method Constant current + Constant voltage Charge Voltage [V] 4.20 (+/- 50 mV) Initial charge current [mA] Standard Charge: 190 Rapid Charge: 950</p> <p>Charging cut-off ((a) or b) a) by time [h] Standard Charge: 5.5 - 6.5 Rapid Charge: 1.5 - 2.5 b) by min. current [mA] C/50</p> <p>Discharge cut-off voltage [V] 3.0</p> <p>Max. Continuous Discharge Current [mA] 1900</p> <p>Operating temperature [°C] Charge: 0 to 45 Discharge: -20 to 60</p> <p>Storage Temperature 1 year at +15 to +35 °C > 3 month at -10 to +45 °C < 1 month at -20 to +45 °C</p> <p>Impedance initial [mΩ] < 60 @ 1 kHz at 4.2 V</p> <p>Life expectancy C/2, 20 °C [Cycles] 300 cycles > 80% of initial capacity 500 cycles > 70% of initial capacity</p>
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¹ Prior to use read Handling Precaution and Prohibitions for VARTA Li-Ion Batteries

Subject to change without prior notice !