



Rechargeable Lithium-Ion Pouch

Data Sheet¹

Type Designation Type Number

56416 System Li-lon

UL 1642 **UL** Recognition

Nominal Voltage [V] 3.7 (average)

Typical capacity [mAh] 150 (at C/5 from 4.2 V to 2.75 V at 20°C) Minimum capacity C [mAh] 140 (at C/5 from 4.2 V to 2.75 V at 20°C)

LPP 402025 CE

Dimensions [mm]

Length (I) 25 +/-0.5 (without Tabs)

Width (w) 20 +/-0.5 Height (h) 4.0 +/-0.3

Weight, approx. [g] 3.7

Charging Method Constant current + Constant voltage

Charge Voltage [V] 4.20 (+/- 50 mV) Initial charge current [mA] Standard Charge: 70 Rapid Charge: 140

Charging cut-off (a) or b))

a) by time [h] Standard Charge: Rapid Charge: 2.5

b) by min. current [mA] C/50

Discharge cut-off voltage [V] 3.0

Max. Continuous Discharge Current [mA] 280

Operating temperature [°C] Charge: 0 to 45

> Discharge: -20 to 60

Storage Temperature 6 Month at -20 to +45°C

<180 @ 1kHz Impedance initial $[m\Omega]$

300 cycles 1C/1C Life expectancy 20°C [Cycles]

>80% of minimum capacity

Prior to use read Handling Precaution and Prohibitions for VARTA Li-Ion Batteries

Subject to change without prior notice!

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