

Battery Data Sheet¹

Basic Cell	ICP 403450 AH
<u>Battery Dimensions [mm]</u>	
Length (L)	Max. 52.60
Width (W)	Max. 35.35
Thickness (T)	Max. 4.45 (delivery status) Max. 5.00 (after cycling, center)

Contacts -/nc/+

Weight, approx. [g] 18

Electrical Parameter

Nominal Voltage [V]	3.7 (average)
Typical capacity [mAh]	770 (0.2C/3.0V at 20°C)
Minimum capacity C [mAh]	750 (0.2C/3.0V at 20°C)
Impedance initial [mΩ]	<150 @ 1kHz at 4.2V
Max. Charge [mA]	750
Max. Charge Voltage [V]	4.20
Max. cont. Discharge [mA]	1500
Life expectancy 1C/1C [20°C Cycles]	300 >80% of min. capacity
Operating temperature [°C]	Charge: 0 to 45 Discharge: -20 to 60
Storage Temperature	12 month at -20 to +25°C

Safety Parameter PCM

Overcharge Det. Voltage	4.275 ±0.025 V
Overcharge Release Voltage	4.175 ±0.050 V
Overdischarge Det. Voltage	2.300 ±0.050 V
Overdischarge Rel. Voltage	2.400 ±0.100 V
Overcurrent Det. Range	1.5-4.5 A

Delivery Status

Battery Voltage	3.7 – 3.9V
Battery Capacity	50-60%

Label

custom

Certifications

Cell	UL1642
Battery	CE, UN38.3, ROHS

Battery Picture



Option Cable:



Cablelength about 100mm.

Pin 1 black	-
Pin 2	nc
Pin 3 red	+

Connector: JST PHR-3 (I max. 2A)

Information:

Battery is getting longer about 1.5 mm and thicker about 0.5 mm.

¹ Prior to use read Handling Precaution and Prohibitions for Li-Ion Batteries
Subject to change without prior notice !