

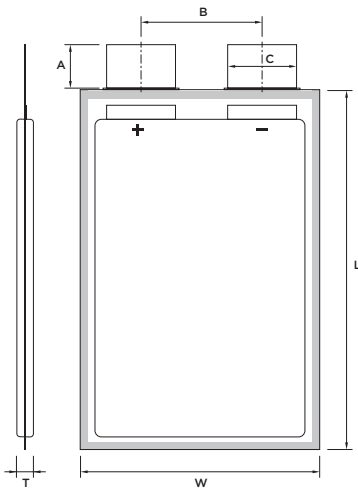
LT34

Power cell 34Ah



Providing our customers with high quality energy storage solutions for both transport & utility applications since 1909.

Datasheet



■ Technical Data

Nominal Capacity	34 Ah (measured at C/10 discharge rate, RT)
Nominal Energy	75 Wh (measured at C/10 discharge rate, RT)
Nominal Voltage	2,2 V
Voltage range	1,5 V to 2,8 V
Dimensions	Length (L) 286 mm ± 1 mm
	Width (W) 178,5 mm ± 1 mm (152 mm folded)
	Thickness (T) 12 mm +0,1/-0,5 mm
Weight	1080 g
Volume	475 ml
Housing	Foil packaging
Tabs	Aluminium (+ Pole), Ni-coated Copper (- Pole)
	Length (A) 33 mm ± 1 mm
	Distance (B) 90 mm ± 1 mm
	Width (C) 50 mm ± 0,2 mm
	Thickness 0,3 mm ± 0,02 mm
Cycle Life	20,000 cycles* (4C charge/discharge, at 80% DoD & RT)
	15,000 cycles (4C charge/discharge, at 100% DoD & RT)
Energy density (gravimetric, volumetric)	70 Wh/Kg, 160 Wh/l

■ Charge

Charging method	CC/CV (Constant Voltage with limited current)
Max. charge voltage	2,8 V (+0,05 V)
Max. charge current	204 A (6C), 20s pulse 340 A (10C)
End of charge	U = 2,8 V and I < C/10
Max. temperature range	-20°C to +55°C

■ Discharge

Max. discharge current	204 A (6C), 20s pulse 340 A (10C)
End of discharge Voltage	1,5 V
Max. temperature range	-20°C to +55°C

■ Storage and transport

Max. temperature range	-20°C to +25°C for up to 1 year
	+25°C to +40°C for up to 3 months
	+40°C to +60°C for up to 1 week

* Expected

Important Information

This datasheet contains typical information specific to products manufactured at the time of this publication and does not constitute a guarantee or warranty with respect to any cells and batteries. Cells/batteries performance and service life depends on the operating temperature, storage conditions, cut-off voltage and load applied in a specific application. It is the responsibility of each user to ensure that each application is adequately designed in terms of safety and usage conditions, and is in conformance with existing standards and requirements.

Specifications are subject to change without notice.

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