



LiFeBATT Ltd
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United Kingdom
Tel: +44 (0) 1702 527 883
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Dated: Feb 2010

LiFeBATT X-1P 8Ah 38123 Cell

Description	Specification
Nominal Capacity	8000mAh
Charging Voltage	3.65V
Typical Voltage	3.3V \leq 10m Ω
Cut Off Discharge Voltage	2.0V
Charging Mode	CC/CV (Constant Current/ Constant Voltage)
Maximum Discharge Constant	25C (200A)
Maximum Charge Current	4C (32A)
Cycle Life (Minimum)	2000 Cycles, Capacity \geq 6.4Ah
Operating Temperature	
Charge Temperature Range	0~45 C
Discharge Temperature Range	-20~60 C
Diameter	38 \pm 1mm
Height	123 \pm 1mm
Weight	290g
Energy Density	
Gravimetric	>80Wh/Kgs
Volumetric	>189Wh/L
Power Density	
Gravimetric	>2,000W/Kg
Volumetric	>4,731W/L
Initial Internal Impedance	<6 m Ω



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Dated : 14th March 2009

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Basic Discharge Curves

