



LiFeBATT Ltd  
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Dated : May 2009

**LiFeBATT X-1P 8Ah 38123 Cell**

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



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Dated : 14<sup>th</sup> March 2009

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#### Basic Discharge Curves

