



LiFeBATT Ltd
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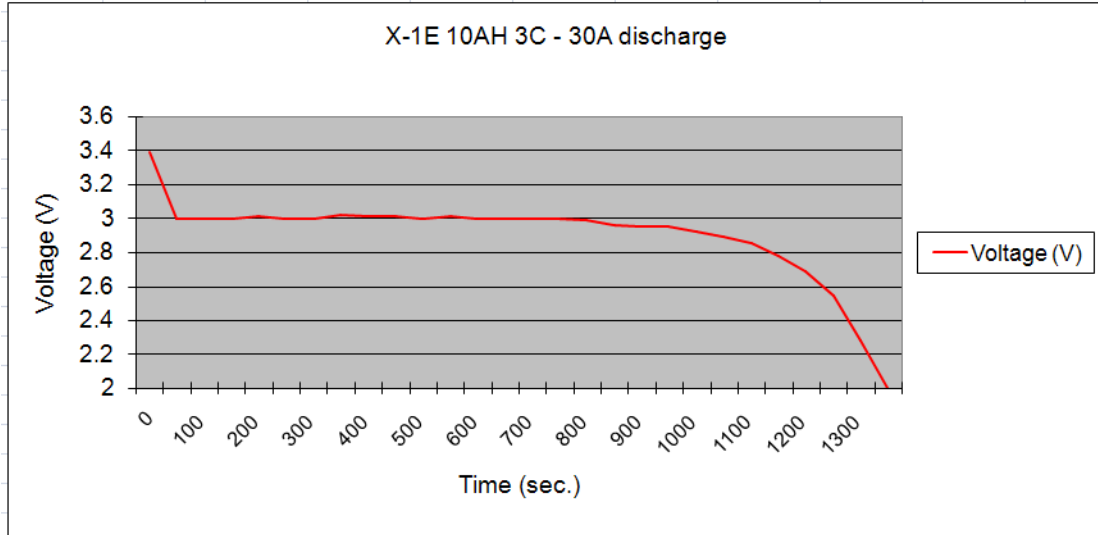
Dated: February 2010

LiFeBATT X-1E 10Ah 38120 Cell

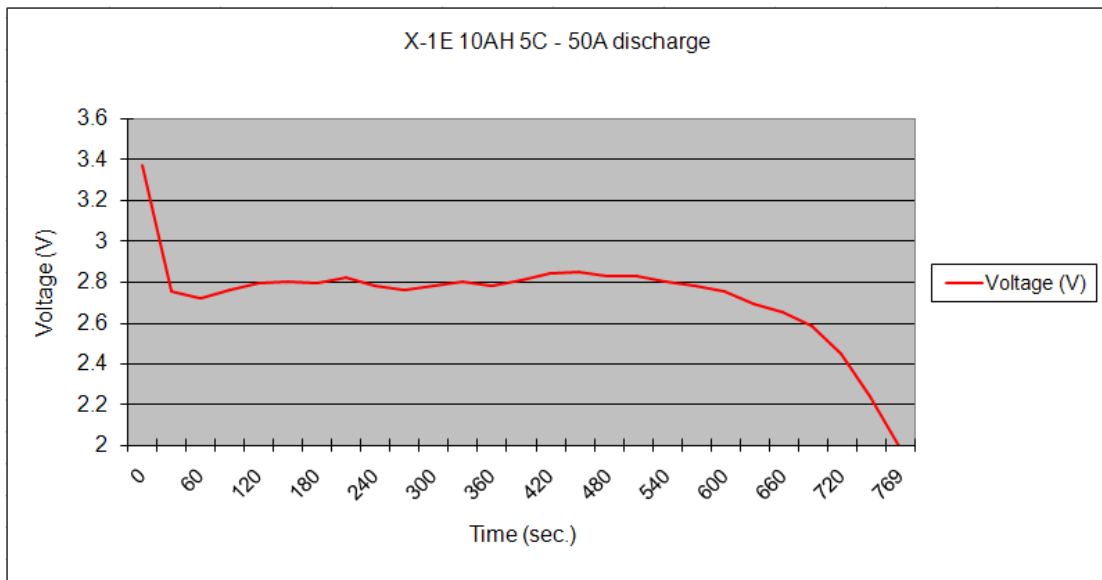
Description	Specification
Nominal Capacity	10000mAh
Charging Voltage	3.65V
Typical Voltage	3.3V \leq 10m Ω
Cut Off Discharge Voltage	2.0V
Charging Mode	CC/CV (Constant Current/ Constant Voltage)
Maximum Discharge Constant	6C (60A)
Maximum Charge Current	3C (30A)
Cycle Life (Minimum)	1000 Cycles, Capacity \geq 8.0Ah
Operating Temperature	
Charge Temperature Range	0~45°C
Charge Temperature Range	-20~60°C
Storage Temperature	
Short Period (1 Month)	-20~45°C
Long Period (6 Month)	-20~35°C
Energy Density	
Gravimetric	114Wh/Kgs
Volumetric	242Wh/L
Diameter	38 \pm 1mm
Height	123 \pm 1mm
Weight	290g



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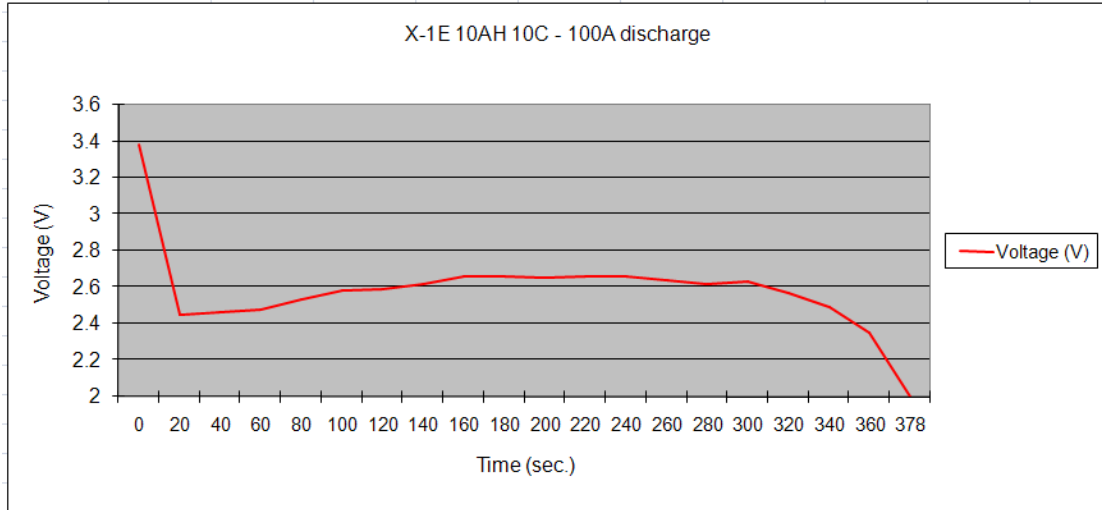
Remark: 3C Discharge, Cell surface temp at the end of the test: 60°C
Approx AH = $1330/3600 * 30 = 11.08\text{Ah}$



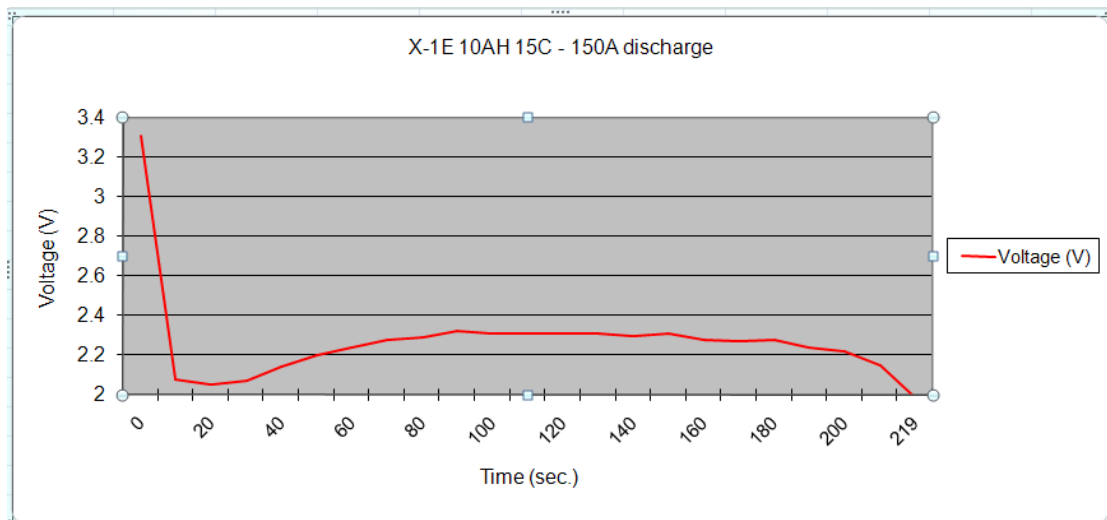
Remark: 5C Discharge, Cell surface temp at the end of the test: 72°C
Approx AH = $769/3600 * 50 = 10.68\text{Ah}$



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Remark: 10C Discharge, Cell surface temp at the end of the test: 83°C
Approx Ah = $378/3600 \times 100 = 10.5\text{Ah}$



Remark: 15C Discharge, Cell surface temp at the end of the test: 95°C
Approx Ah = $219/3600 \times 150 = 9.125\text{Ah}$