

**Specification
of
LiFePO4 Rechargeable Cell: 38120p (M size) Cell
3.2V 10 Ah, 100A Rate, 32Wh with 6M screw
Terminal**



AA Portable Power Corp (<http://www.batteryspace.com>)



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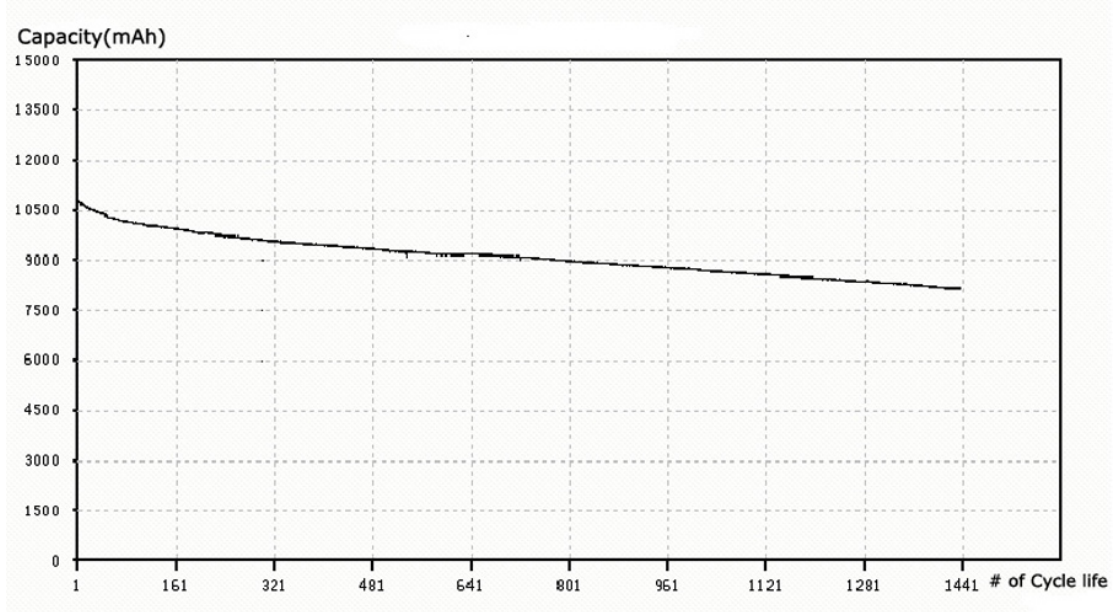
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Prepared & Approved by Louis (01/19/08)

Nominal Voltage	Average 3.2 - 3.3 V (2.0V Discharge cut-off Voltage)
Capacity	<ul style="list-style-type: none"> Nominal: 10000mAh (3.8V fully charge cut-off, 1C) Minimum: 9800 mAh Energy density: 82.05 wh/kg
Standard Charging current	10 A recommended and 20A Max..
Discharging current	<ul style="list-style-type: none"> 50A Continuous, 100A (< 30 sec Surge rate)
Dimensions (DxH)	<ul style="list-style-type: none"> 38mm(1.5") x 120mm(4.7") <ul style="list-style-type: none"> H = From end to end without 6mm male screw Terminal: 6 mm Female screw in both ends for connection.  <ul style="list-style-type: none"> 38mm(1.5") x 145mm(5.7") <ul style="list-style-type: none"> H included 2 pcs 6mm male screw You may disconnect included 6mm screw as picture shown below. 
Weight	120z (340 grams)
Operation Temperature	<ul style="list-style-type: none"> Charging: 0 - 45 °C (32 - 113 °F) Discharging: - 10 - 60 °C (14 - 140 °F)
Storage Temperature	-20-45 °C (-4 -113 °F) within 1 month , -20-35 °C (-4 -95 °F) within 6 month
Cycle Performance	<ul style="list-style-type: none"> >2000 (80% of initial capacity at 1C rate) 2 times more than NiMH and 10 time more than SLA

Cycle Life Curve



Charge & Discharge Curve

