

**Discharging curve of
LiFePO4 32900P (F size) 4500 mAh cell at
1C, 5C, 10C rate**



AA Portable Power Corp (<http://www.batteryspace.com>)
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Prepared & Approved by Louis (04/11/08)

Test Time	2008-4-18		
Test Site	Lab of AA Portable Power Corp (http://www.batteryspace.com)		
Lab Assistant	ChengMing Luo	Test Condition	25°C RH55%
Test Object	IFR32900P-4500mAh (from production workshop)		
Test Facilities	BK-300 Resistance Apparatus, NEWARE test equipment(30V 30A)		
Test Techniques	<ol style="list-style-type: none"> 1. Testing the voltage and internal resistance; 2. The battery should be stored for 10min after fully charged, Respectively rate of discharge to1C, 5C, 10C, discharge .The battery must be stored for at least 30mins after rate of discharge is above of 5C. 3. Charge: 1C charge.Charge mode:CC/CV, Voltage-limit 3.65 V, current-limit 0.01 C 4. Discharge:Final voltage of 2.0V 		

Result of test:

No.	Discharge rate	Charge (mAh)	Discharge capacity(mAh)	Discharge time	Remark
1	1C	0	4724.9	01:04:49	Voltage and internal resistance U=3.415V R=5.6mΩ
2	5C	4726.7	4796.9	00:13:18	
3	10C	4801.3	4926.2	00:06:51	

Rate curves:

