

**Specification of  
LiFePO4 Prismatic Module: 3.2V 20 Ah, 10C Rate  
(64 wh)**

**LFP-G20**



**AA Portable Power Corp**

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

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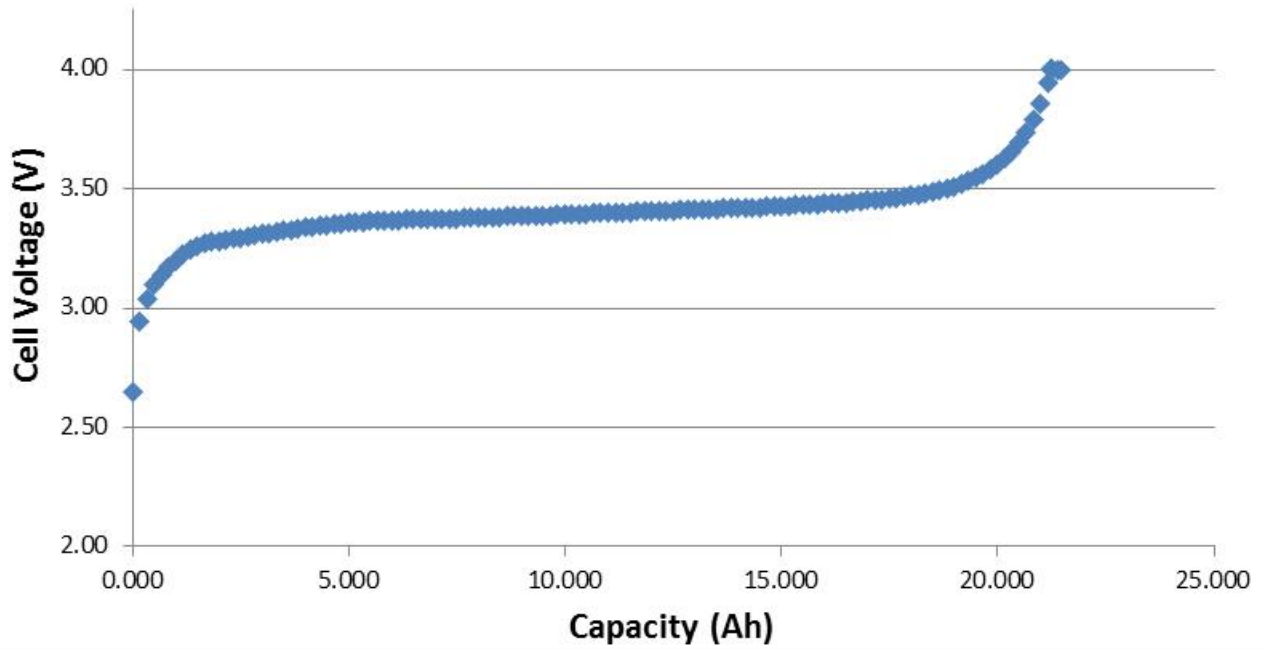
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Prepared & Approved by Max Liu (01/16/12)

Nominal Capacity	20Ah	Working Voltage	Single cell charging: 3.8V
			Battery pack charging: 3.6V
			Single cell discharging: 2.5V
			Battery pack discharging: 2.8V
Max. Charging Current	$\leq 3C$	Max. Discharging Current	Continuous Current: $\leq 3C$
			Impulse Current: $\leq 10C$
Standard Charging Current	0.3~0.8C	Best Charging Current	0.5C
Internal Resistance	$\leq 2.5m\Omega$	Cycle Life	$\geq 2000$ times (80%DOD)
Temp. resistance of Shell	$\leq 135^{\circ}C$	Working Temperature	Charging: $>0^{\circ}C$
			Discharging: $-20^{\circ}C-65^{\circ}C$
Self Discharge rate ( month)	$\leq 3\%$	Cell Weight	0.75kg $\pm$ 100g
Energy Density	85~100Wh/kg	Power Density	$>800w/kg$
Single Cell Dimension	71mm*42mm*152mm		

### Charging Curve - 20Ah @ 0.5C and Room Temp



### Discharging Curve - 20Ah @ 0.5C and Room Temp

