



AA Portable Power Corp
 825 S 19th Street, Richmond, CA 94804
 Tel: 510-525-2328 Fax: 510-439-2808
<http://www.batteryspace.com> Sales@batteryspace.com

SPECIFICATION OF LFP-G200AH-B

Nominal Capacity	200Ah	Working Voltage	Nominal cell voltage : 3.20V
			Single cell charging : 3.80V
			Battery pack charging : 3.55V
			Single cell discharging : 2.50V
			Battery pack discharging : 2.80V
Max Charging Current	$\leq 2C$	Max Discharging Current	Constant Current : $\leq 2C$
			Impulse Current : $\leq 10C$
Standard Charging Current	0.3~1.0C	Best Charging Current	0.5C
Internal Resistance	$\leq 0.6m\Omega$	Cycle Life	≥ 1500 times (80%DOD)
Temperature Resistance of Casing	$\leq 135^{\circ}C$	Working Temperature	Charging : $0\sim 65^{\circ}C$
			Discharging : $-20^{\circ}C\sim 65^{\circ}C$
Self-Discharge Rate (month)	$\leq 3\%$	Cell Weight	$6.5\pm 0.15kg$
Dimensions	290mm*66mm*238mm		



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IMPORTANT SAFETY INFORMATION

- 1) Li-ion battery cells are to be used with a battery management system (BMS). Each Li-ion battery cell must be monitored and automatically protected by a BMS system against over-charge and over-discharge conditions. Over-charge and over-discharge conditions will cause permanent damage to battery cells and packs, and possibly create unsafe operating conditions, such as fire.
- 2) Avoid short circuiting battery cells or packs. Short circuit condition will cause permanent damage to battery cells and packs, and possibly create an unsafe operating condition, such as fire. Use with caution when installing bus bars, cables and BMS components on the cell terminals. Tools, such as screw drivers and wrenches should be of a properly rated electrically insulated type.
- 3) Make sure that the surfaces of battery terminals and bus bars are clean and dry. All screws must be tightened properly on the battery terminals before battery is used. Loose connections will result in high contact resistance, heat generation, and can potentially be a fire hazard.
- 4) Make sure bus bar stacks, terminal connectors and cables are adequately sized to handle the maximum charge and discharge current. Inadequately sized bus bar stacks, connectors and cables will cause over-heat and result in a potential fire hazard. Always use current limiting devices such as fuses or circuit breakers.
- 5) There is risk of electric shock when working on a Li-ion battery pack. Always wear personal protective equipment (PPE) when working on a battery pack per Occupational Safety and Health Administration (OSHA) and National Electric Code (NEC) guidelines.
- 6) Cells are strapped with Aluminum plates and steel bars. The strapping hardware provides compression to the pack and prevents possible swelling. Removing this strapping hardware may result in cells swelling during use, which will result in accelerated aging and shorter lifetime.
- 7) Be absolutely certain that all the above safety instructions are strictly followed. Supplier is not responsible for any safety issue if the above instructions are not followed.



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Cell Picture



Picture of 4-cell Pack





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Cell Dimensions

