

**Specification of**  
**PCM with Equilibrium Function for 8 cells (25.6V) LiFePO4**  
**Battery Pack at 60A limit**



AA Portable Power Corp (<http://www.batteryspace.com>)  
Address: 860 S, 19<sup>th</sup> St, Unit A, Richmond, CA, 94804  
Tel: 510-525-2328  
Fax: 510-439-2808  
Email: [Sales@batteryspace.com](mailto:Sales@batteryspace.com)  
Prepared & Approved by Louis (01/10/09)

Technical parameters:

No.	Test item		Criterion
1	Voltage	Charging voltage	28.8UDC CC/CU
		Balance voltage for single cell	3.00±0.03V
2	Current	Balance current for single cell	170±10mA
		Low Current consumption for single cell	= <150uA
		Maximal continuous Discharging current	60A
3	Over charge Protection (single cell)	Over charge detection voltage	3.90±0.025V
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage	3.80±0.025V
4	Over discharge protection (single cell)	Over discharge detection voltage	2.00±0.05V
		Over discharge detection delay time	0.5S—1.5S
		Over discharge release voltage	2.3±0.05V
5	Over current protection	Over current detection voltage	0.62V
		Over current detection current	100A +/-10A
		Detection delay time	5ms—15ms
		Release condition	Automatic Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Automatic Recovery
7	Resistance	Protection circuitry (MOSFET)	≤20mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C

## Wiring Diagrams

P+/P- = Charge +/-, Discharge +/-

B+ = P+

