

## **Product Specification**

**PCM with Equilibrium Function for 24 cells (76.8V)**

**LiFePO4 Battery Pack at 100A limited**



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

Address: 860 S, 19th St, unitA, Richmond, CA, 94804

Tel: 510-525-2328

Fax: 510-439-2808

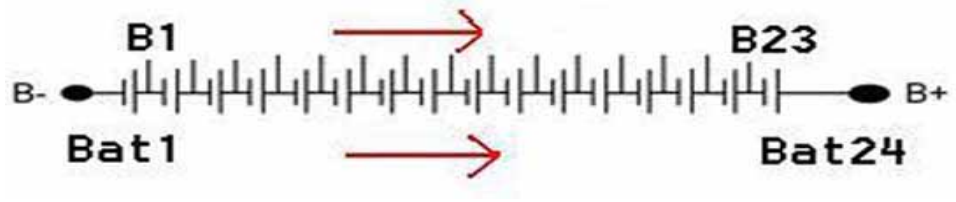
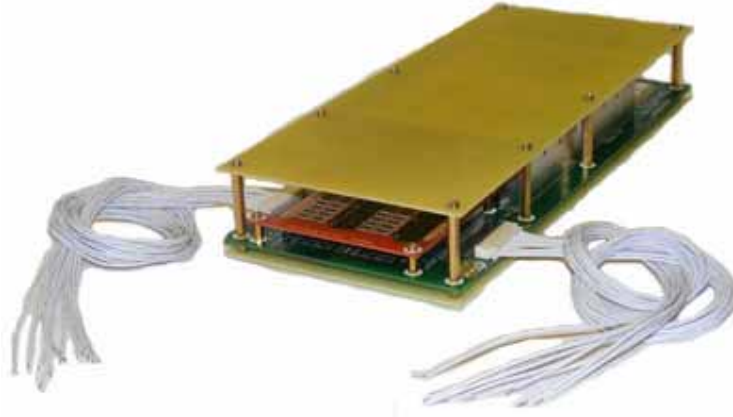
Email: [Sales@batteryspace.com](mailto:Sales@batteryspace.com)

Prepared & Approved by Max (10/20/11)

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:86.4V CC/CV ( 3.6V )
		Balance voltage for single cell	3.60±0.03V
2	Current	Balance current for single cell	170±10mA
		Low Current consumption for single cell	≤100μA
		Maximal continuous Discharging current	100A
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	160±10A( can adjust )
		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
		Storage Temperature Range	-40 ~ +125

Wiring Diagrams:

**P+ = Charge + / Discharge +**  
**P- = Charge - / Discharge -**

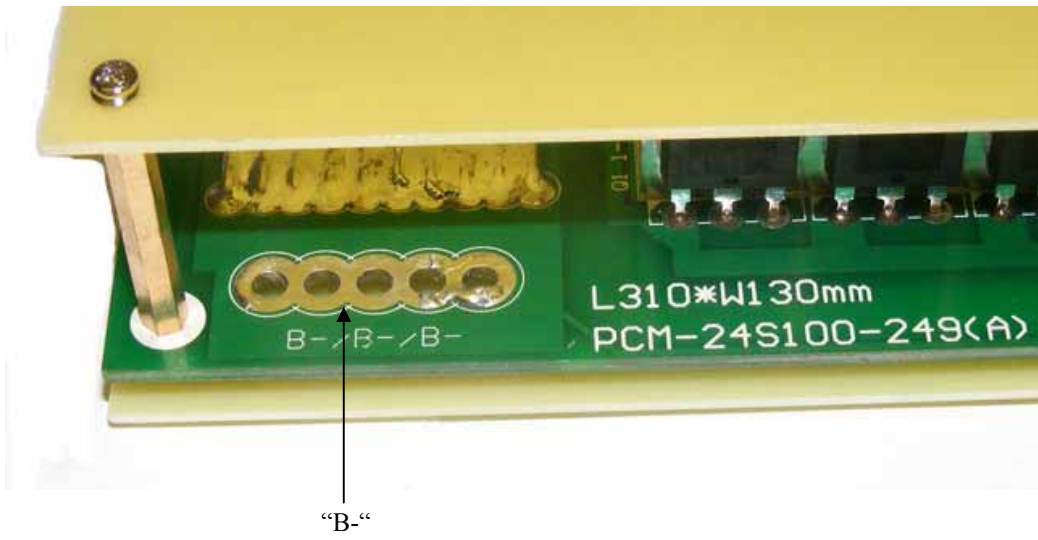
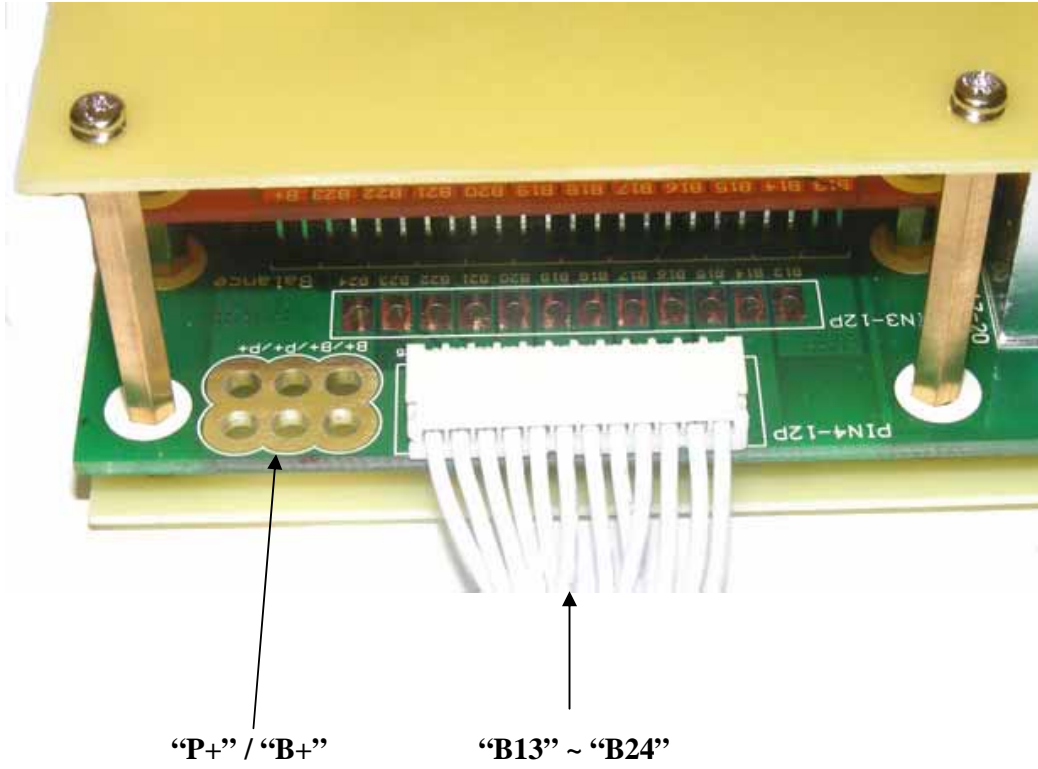


Detail Picture



“P-“

“B-“ ~ “B12”



Max Dimension: (LxWxH): 314mm(12.4") x 132mm(5.2") x 52mm(2.0")  
 Weight: 1814 grams (4.0lb)