

BatterySpace.com Customized Battery Pack Inquiry Form

Dear Customer,

Thanks for contacting BatterySpace.com. Here are few things to know before start.

1. There will be one time prototype fee for each kind of custom battery pack. Depends on how complicate of the battery's configuration, the minimum will be \$50 for Nimh & Nicd Battery Packs, and \$80 for Lithium battery packs.

2. Due to the shipping regulation from Department of Transportation (DOT) for lithium batteries, battery packs must pass UN38.3 before ship by air. So prototype of Lithium batteries must be ship by Ground, class 9 package, and UPS/Fedex will charge extra \$32 per box handling fee on top of regular shipping cost.

For shipping address outside of USA, sorry we can't ship Lithium battery prototypes to you. Suggest to choose battery packs with UN38.3 from the following links.

Lithium Ion: <http://www.batteryspace.com/li-ion-battery-packs-with-un-38-3.aspx>

LiFePO4: <http://www.batteryspace.com/UN-Approved-LiFePO4-Cells-/-Packs.aspx>

3. If the production of Lithium battery pack is over 100pcs/annually, it must passed UN 38.3 Test & Criteria before allow to be ship. This is an extra cost in addition to the cost of custom battery pack that you must be responsible for. We can help you to get your pack UN38.3 certified or you can do it yourself from other testing labs. For more detail, please check <http://www.batteryspace.com/un38-3-for-lithium-ion-battery.aspx>

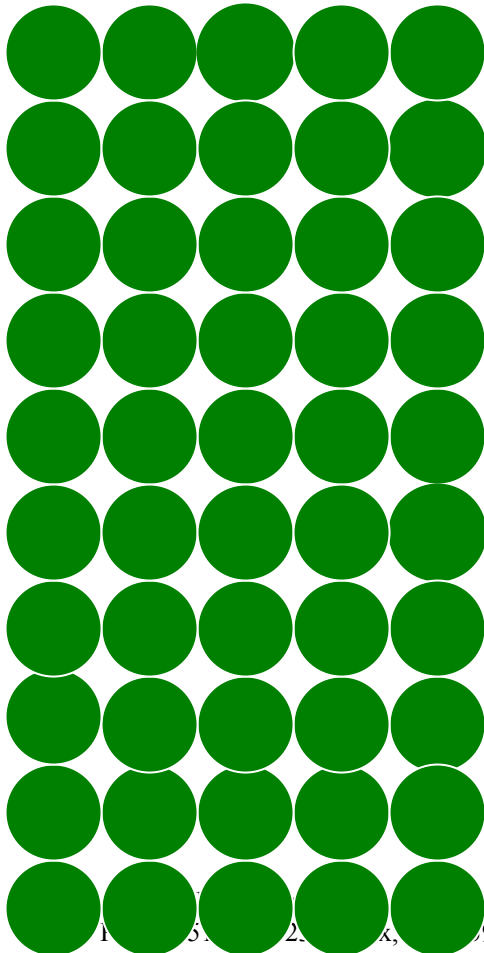
Your name:	Paul Booker	Company Name	Santa Rosa High School
Telephone #	707-486-6680	E-mail	pbooker@srcs.k12.ca.us
Please fill the information as the follow. If unknown, please leave it in blank			
Battery Type: Li-Ion , LiFePO4, NiMH, NiCd, or Polymer	Li-Ion	Cell size (If NiMH, enter AA, C, D, Sub C, F etc) If Li-Ion, enter battery size (14500, 18650...)	LG MJ1
Battery Pack Voltage (V)	48Volt Nominal, 60 volt max	Battery Pack Capacity (AH)	15Ah
Max. Discharging current (A)	25A	Estimated Wattage in your DC Device	1000W
Continuous Discharging Current (A)	15A`	Expected running time for your device	2 hrs
Max. Pulse Current (A)	25A	Battery Size requirement (Inch) (LxWxH)	
Duration of Pulse Current (ms)		Wire Length (Inch)	4 inches
Connector type	Anderson	Wire Gauge (AWG)	10
Applications	Shell Eco Car		
Other special requirement	Need to have the battery shut down if a cell level over discharge occurs, if a cell level overvoltage occurs, if an overcurrent in any string occurs or if an over temperature condition is detected in the battery. We will need a charger as well. I will need cell level over		

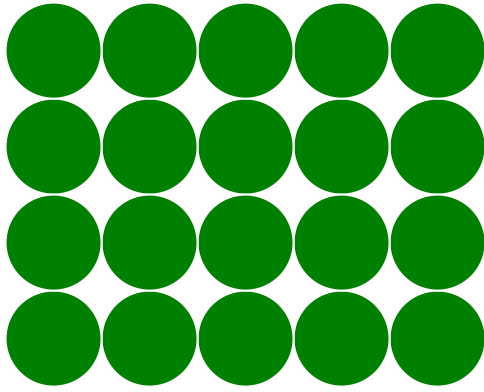
	<p>charge protection and balancing done by the PCM board. I will need the specifications for the limits and a block diagram of how the limits are achieved. (where switches and voltage and current sensing are done as well as temperature sensing).</p>
<p>How many packs do you need?</p>	<p>One</p>

Battery Configuration

If customized pack is made by cylinder Cell, Please use the following green round circles to make drawing. If you need more circles, please click and drag one from right corner.

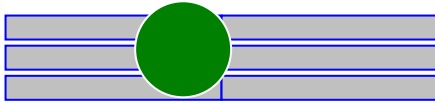
A 14 x 5 array should give us a pack close to 288mm x 65mm x 92mm with the board making it taller by sitting on top and the shrink adding a bit in each dimension





It looks like this should give us a pack close to 288mm x 65mm x 92mm with the board making it taller by sitting on top and the shrink adding a bit in each dimension.

If custom pack is made by prismatic cell (Polymer Li-Ion), Please use the following gray rectangular to make drawing. If you need more rectangular, please click and drag one from right corner.



You can also make simple hand drawings by any methods and fax it back to us at 510-439-2808.