



THE POWER SOURCE PROFESSIONALS

Secondary (Rechargeable) Battery Pack Design Form

Date: _____

Company Name: _____ Contact Name: _____
Address1: _____ Phone Number: _____
Address2: _____ Fax Number: _____
City: _____ State: _____ Zip code: _____
Email Address: _____

Application

Date Quote Needed by: _____

- 1 Certificate of Compliance Required: Yes No N.D.A Required: Yes No
- 2 General Information: New Design Replacement Drawing Available: Yes No
- 3 Customer Sample Available Yes No
- 4 Project Schedule Prototype Delivery Date: _____ Initial Production Delivery Date: _____
- 5 Purchase Type: One time: Qty: _____ Blanket Purchase EAU: _____
- 6 Life of Project: Months _____ Years _____
- 7 Project(s) Required: Battery Charger Both

Specifications:

- 8 Voltage: Nominal: _____ Minimum: _____ Maximum: _____
- 9 Nominal Pack Capacity: _____ Desired Run Time: _____
- 10 Expected Cycle Life: _____
- 11 Desired Charge Time: _____
- 12 Average Discharge Rate: _____ mA Max Discharge Rate: _____ Duration / Period: _____
- 13 Preferred Battery Chemistry (LiFePO4, NCA, Ni-MH, NiCad, SLA, etc.): _____
- 14 Preferred Cell Size: _____ Configuration: _____
- 15 Battery Management System (BMS) Required: Yes No
 - a. Cell Balancing Required: Yes No
 - b. Thermistor Required: Yes No
 - c. Fuel Gauge Required: Yes No
 - d. Communication Protocol: Yes No Type: _____
- 16 Maximum Dimensions of Battery Pack: Length _____ Width _____ Height _____ (in / mm)
- 17 Maximum Weight of Battery Pack (lbs): _____
- 18 Wire Size: _____ Termination Type: Terminals Connector Leads
- 19 Construction of Pack: Heat Shrink Molded Plastic Case {Die Available: Yes No}
- 20 Charge / Discharge / Storage Temperature (Min and Max) Min: _____ Max: _____
- 21 Labels Required: No Yes {If yes, please provide art work}
- 22 Agency Approval Requirements (UL, CE, UNDOT etc.): _____
- 23 Other Information: _____

ONCE COMPLETED PLEASE EMAIL SALES@STORTRONICS.COM PHONE: 248-912-1200 FAX: 248-912-1201

StorTronics Review Notes:

Project Feasibility Yes No

If no, explanation: _____