

BATTERY APPLICATION WORKSHEET

Company _____ **Name** _____
Address _____ **Email** _____
City/State _____ **Phone** _____
Fax _____

Application Profile

Immediate Needs: Sample Quote Design Concept

Application Requirements: Battery Charger Other

Battery Chemistry/Type:

<u>Primary</u>		<u>Secondary</u>	
Alkaline	<input type="checkbox"/>	Nickel Cadmium	<input type="checkbox"/>
Carbon/Zinc	<input type="checkbox"/>	Nickel Metal Hydride	<input type="checkbox"/>
Lithium	<input type="checkbox"/>	Sealed Lead	<input type="checkbox"/>
Other	<input type="checkbox"/>	Lithium Ion	<input type="checkbox"/>
		Other	<input type="checkbox"/>

Cell Data: Cylindrical _____ Prismatic _____

Volume/Delivery: Annual Quantity _____ Samples needed _____
Target Price _____ Production Start _____

Electrical Requirements: Voltage _____ Watt-Hours _____
AmpHrs _____ Runtime _____

Battery Electronics: Fuel Gauge SMBus
Gauge Accuracy _____ Other Communications
Gauge Display: LED/Switch
Communications
Safety Devices _____
Temperature Sense _____

Note: Pack Protection required for Li Ion

Discharge Data: Current: Max _____ Min _____
Watts: Max _____ Min _____
Duty Cycle: Peak _____ Duration _____
On Time _____

Charge Data: Charge Type: Standard/Overnight
Quick, 4 to 8 hr
Fast, 1 hr
Constant Current Constant Potential Both
Charge Rate: Current _____ Time _____
Voltage _____
Charge Termination Type: TCO Timed
Cutoff V/cell _____ dT/dT -dV
Other
Trickle Charge: Rate _____ Time _____

Environment: Temperature: Charge _____ Discharge _____
Storage _____ Humidity _____
Life Expectancy: Cycles _____ Years _____

Special Requirements: Vibration/Shock Intrinsic Safety Flammability
CSA/UL/FM approval _____
Other _____

Battery Details: Cell Configuration: L _____ x W _____ x H _____
Dimensions: L _____ x W _____ x H _____
Terminations: Solder Tabs _____ Pressure _____
Connector _____ Wire Leads _____
Other _____
Construction: Glue _____ Tape _____ Adhesive _____
Overall PVC _____ Plastic _____
Label: Standard Special _____
Packaging _____

Charger Requirements: Type: Desktop Gang
In Device Other _____
Input voltage _____ Regulation _____
Status LED's: Quantity _____
Function _____

Notes: