

## 1. Customer Information

Company: \_\_\_\_\_  
Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Post Code: \_\_\_\_\_  
Contact Name: \_\_\_\_\_ Title: \_\_\_\_\_ Phone: \_\_\_\_\_  
Email: \_\_\_\_\_ Web Site: \_\_\_\_\_

## 2. Application Description

Battery Type: Primary System Type: \_\_\_\_\_ Secondary System Type: \_\_\_\_\_  
Explanation of your requirements: \_\_\_\_\_  
\_\_\_\_\_

## 3. Battery Requirements

Nominal Voltage: Minimum: \_\_\_\_\_ Maximum: \_\_\_\_\_ Typical: \_\_\_\_\_ Cutoff Voltage: \_\_\_\_\_

## 4. Drain Requirements

Constant Current: Minimum: \_\_\_\_\_ mA. Typical: \_\_\_\_\_ mA. Maximum: \_\_\_\_\_ mA  
Constant Resistance: \_\_\_\_\_ ohms. Standby drain: \_\_\_\_\_ mA

## 5. Pulse Profile

Peak Current: \_\_\_\_\_ mA. Pulse Duration: \_\_\_\_\_ milliseconds or \_\_\_\_\_ Seconds  
Pulse Interval: one pulse per \_\_\_\_\_ milliseconds \_\_\_\_\_ seconds \_\_\_\_\_ minutes \_\_\_\_\_ hours \_\_\_\_\_ days \_\_\_\_\_

## 6. Temperature Range & Operating Life

Expected Operation Life: (mins/hrs/days/etc.) \_\_\_\_\_  
Storage minimum: \_\_\_\_\_ °C. Typical: \_\_\_\_\_ °C. Maximum: \_\_\_\_\_ °C.  
Operation minimum: \_\_\_\_\_ °C. Typical: \_\_\_\_\_ °C. Maximum: \_\_\_\_\_ °C.  
Charging minimum: \_\_\_\_\_ °C. Typical: \_\_\_\_\_ °C. Maximum: \_\_\_\_\_ °C.

## 7. Physical Requirements

Max Weight: \_\_\_\_\_ grams. Battery Cavity Space Available: Length \_\_\_\_\_ mm Width \_\_\_\_\_ mm Height \_\_\_\_\_ mm  
Packaging requirements: (loose cells, plastic housing, metal case, shrink, other) \_\_\_\_\_

## 8. Additional Requirements

Protection Circuit: \_\_\_\_\_ Charge Control Circuit: \_\_\_\_\_ Safety: \_\_\_\_\_  
Shock: \_\_\_\_\_ Vibration: \_\_\_\_\_ Safety Assessment Report (SAR): \_\_\_\_\_

## 9. Charging Requirements (Rechargeable Only)

Charge Termination Method (delta v, time, temp., etc.) \_\_\_\_\_ Charge Time (hours): \_\_\_\_\_  
Charge Current: \_\_\_\_\_ mA. Charger Type: External (y/n) \_\_\_\_\_ Internal (y/n) \_\_\_\_\_

*Note: We strongly recommend the use of an external protection circuit to protect against over and under voltages and over charge current.*

## 10. Quantity & Delivery Requirements

Estimated Annual Volume: \_\_\_\_\_ Prototype Requirement Qty: \_\_\_\_\_ Requirement Date: \_\_\_\_\_

## 11. Connectors

Terminals (type) Brand: \_\_\_\_\_ Model: \_\_\_\_\_ Wire Leads (gauge, type, length): \_\_\_\_\_  
Custom (specify): \_\_\_\_\_

## 12. Budget

Budget Expectations: \_\_\_\_\_