



Battery/Charger Application Worksheet

GENERAL INFORMATION

DATE:

Company Name:		Address:			
Contact Name:					
Application:		Project:			
Company Website:			Intrinsically Safe Application (Y or N):		
Device FDA Class (if any):		Email:		Phone:	

PROJECT SCHEDULE

	Date:	QTY	Details
Samples:			
Pilot Run (If Any):			
Production:			

DISCHARGE INFORMATION (Beginning of life)

	Min	Typical	Max	Units	Comments
Voltage:				V	
Capacity:				mAh	
Continuous Discharge Current:				A	
Run Time Between Charges:				Hours	
Peak Current Pulse:				A	
Peak Current Duration:				s	
How often Peak Current Occurs:				#/cycle	
Discharge Temperature:				°C	
Preferred Cell(s) (If Any):				Configuration (xSxP):	
Additional Info:					

CHARGING INFORMATION

Charging Method (CC/CV, Pulse etc.):		Max Allowable Charge Time		
Preferred Charging IC:		Charge Current Available:		
Charge Temperature (°C)	Min:		Max:	
Will Smart Charger be Used? (Y/N)		If Yes, What Type?		
Charger Internal to Battery? (Y/N)				
Input Voltage:				
Input Current:				
Dynamic Power Mgt (Y/N):				

FUEL GAUGE (If Required)

Communications (SMBus, I ² C, etc.):			
Temperature Sensors (Y/N):		How Many:	
LED's on the Battery Pack (Y/N):		How Many:	
Host Device Smart Charger (Y/N):		Model:	
Additional Info:			

MECHANICAL / ENVIRONMENTAL REQUIREMENTS

Maximum Dimensions (mm):			
IP Rating:			
Drop Test Requirement:			
Vibration:			
Expected Battery Life (Cycles/Years):			
Additional Information:			

BATTERY ENCLOSURE

Shrink Wrapped		Hard Case	
Connector Type:		Material:	
Lead Length:		Part of Product housing (Y/N)	
Pin-outs:		Connector Type:	
Printed Wrap (Y/N)		Pin-outs:	
Additional Info:			

COMPLIANCE TESTING (Y / N)

UN 38.3:		UL913:		Marking String:	
UL 2054:		ATEX:		Marking String:	
IEC 621434:		IECEX:		Marking String:	
CE EMC:		Other:		Marking String:	
FCC EMC:		Other:		Marking String:	
IEEE 1625:		Other:		Marking String:	
IEEE 1725:		Other:			
Other:		Other:			



sales@vpwllc.com

Vertical Partners West, LLC.

14028 North Ohio Street, Rathdrum, Idaho 83858
 (800) 705-0620