



VERTICAL PARTNERS WEST, LLC

Battery/Charger Application Worksheet

DATE: _____

GENERAL INFORMATION

Company Name:		Contact Name:	
Email:		Phone:	
Application Type:	Aerial <input type="checkbox"/> Robotics <input type="checkbox"/> EV <input type="checkbox"/> UPS <input type="checkbox"/> Other <input type="checkbox"/> Please Explain:		
Company Website:		Project:	
Replacing Existing Battery (Y/N):	Current Supplier:		

PROJECT SCHEDULE

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

BATTERY TYPE

Battery Chemistry:	Li-ion <input type="checkbox"/> LiPo <input type="checkbox"/> LiFe <input type="checkbox"/> NiMh <input type="checkbox"/> NiCd <input type="checkbox"/> Other <input type="checkbox"/> Please Explain:
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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:	
Smart Charger Needed? (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:	
Integrated Cell Balancing (Y/N):			
Additional Info:			

MECHANICAL / ENVIRONMENTAL REQUIREMENTS

Maximum Dimensions (mm):	(L)	(W)	(H)
Maximum Weight (grams):			
IP Rating:			
Drop Test Requirement:			
Vibration:			
Expected Battery Life (Cycles/Years):			
Additional Info:			

BATTERY ENCLOSURE

Shrink Wrapped <input type="checkbox"/>	Hard Case <input type="checkbox"/>		
Connector Type:		Case Material:	
Lead Length:		Part of Product housing (Y/N):	
Pin-outs:		Battery Decal (Y/N):	
Additional Info:			

COMPLIANCE TESTING (Y / N)

UN 38.3:		Marking String:	
UL 1642:		Marking String:	
UL 913:		Marking String:	
UL 2054:		Marking String:	
IEC 62133-2:		Marking String:	
CE EMC:		Marking String:	
FCC EMC:		Marking String:	
IEEE 1625:		Marking String:	
IEEE 1725:		Marking String:	
Other Please Explain:			

PRICING AND UNITS NEEDED

Cost per unit goal:	
Units needed per year:	

How did you hear about us?

Internet Search <input type="checkbox"/>	Another Website <input type="checkbox"/>	Existing Customer <input type="checkbox"/>	Advertisement <input type="checkbox"/>	Sales Rep <input type="checkbox"/>	Trade show <input type="checkbox"/>	Other <input type="checkbox"/>
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