E-V-S SUPPLY
ENERGY – LIGHT – LIFE

CUSTOM BATTERY PACKS

Please complete the questions below to help us with your requirements.

CONTACT INFORMATION	
Account #:	
Name*:	
Company:	
Title / Position*:	
Address 1:	
Address 2:	
City:	**State/Province:** **Zip:**
Country:	
Phone*:	
E-mail*:	

**these fields are required*

APPLICATION DETAILS
How to make a Battery Pack
How will this battery pack be used? ☐ **Back Up** ☐ **Main Power Source**
What is the end application?

CHEMISTRY
Does your battery need to be rechargeable? This will help in determining the chemistry to use.
Rechargeable None
Non – Rechargeable None
Manufacturer:

ELECTRICAL REQUIREMENTS
Voltage:
What is the voltage of your pack? To calculate the voltage, simply multiply the voltage per cell for the finished voltage.
Adding cells in a series increases voltage.
Operating Voltage: Maximum Nominal Minimum (cut-off)

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Amperage/ Capacity:
What amperage do you require? This helps determine the cell size. Cell sizes are not mixed when assembling a battery pack.
Adding cells in parallel increases amperage.

Constant Current: I_C = 120 | µA

Pulse Current: I_P = 120 | µA **Duration: t=** | ms

Every: T= | ms

Expected Operating Life: | hours

Storage of battery before use: | months

Environmental Requirements
Please specify percentage (%) of time at each Temperature

Storage Temperature (°C): **Max.** | % **Average** | % **Min.** | %

Operating Temperature (°C): **Max.** | % **Average** | % **Min.** | %

Special Conditions: Humidity, Shock, Vibration, etc.

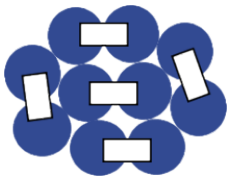
CONFIGURATION

Where does this battery need to fit? By aligning the cells in various ways, the voltage and amperage can remain the same, yet the packs can be made to fit almost anywhere. Please provide a drawing if available.

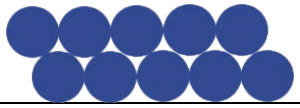
○ **Linear or F Type**

○ **Multi-Row Cells**

○ **Nested Type Cells**



○ **Face-centered Cubic**



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○ **Circular Type Cells (3-cell pack/ 4-cell pack)**  

○ **Linear or L-Type Cells** | | | |

TERMINATION

How is the battery pack going to give its power and accept a charge if needed? EVS Supply can add nickel tabs for soldering or wires for connections, or in some cases reuse your previous connector if you are replacing an existing pack.

- ○ **Nickel Tabs**
  What size? |
- ○ **Wires**
  Length? |
  AWG? |
  Material? |
- ○ **Connector**
  Manufacturer? |
  P/N? |
  Pin Orientation? |
  Crimp P/N? |

Assembled Pack Dimensions

Specify Primary cell size: SLA **Specify Secondary:** 1550

Max Space Available (mm): L = | W = | H = |

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ESTIMATED ANNUAL REQUIREMENT					
1st year:		2nd year:		3rd year:	

QUALIFICATION TESTING AND/OR CERTIFICATION

Do you have Qualification or Certification test results (e.g. UN 38.3, IEC EN 50 020:2002, and/or ATEX) for this or an equivalent battery pack?

Upload

Do you want a quote? ◯ Yes ◯ No