



EVB Technology (HK) Ltd.

# CUSTOMER APPLICATION FORM

Cap#		Rev.	
Customer: _____			
Salesperson: _____			
Receipt Date: _____			
Rough Draft Date: _____			
Completion Date: _____			

**NOTE:** Mandatory field are highlighted in **YELLOW** for initial project start  
Other columns must complete before preparing samples for finalize battery pack design.

## I. CUSTOMER INFORMATION

Customer Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 Address: \_\_\_\_\_ Fax: \_\_\_\_\_

### Contacts:

<b>Lead Person:</b> _____	<b>Title:</b> _____	<b>Tel:</b> _____	<b>Email:</b> _____
Mechanical: _____	Title _____	Tel: _____	Email _____
Electronics: _____	Title _____	Tel: _____	Email _____
Purchaser: _____	Title _____	Tel: _____	Email _____
Accounting: _____	Title _____	Tel: _____	Email _____

## II. PROJECT DEFINITION

A. Project Description/Number: \_\_\_\_\_ B. Application: \_\_\_\_\_  
 C. Battery System Needed: Raw: \_\_\_\_\_ Module: \_\_\_\_\_ D. Project Target Deadline: \_\_\_\_\_  
 E. Target Price: \_\_\_\_\_ Sample: \_\_\_\_\_ Production: \_\_\_\_\_  
 F. Estimated Demand: 1st year: \_\_\_\_\_ 2nd year: \_\_\_\_\_ 3rd year: \_\_\_\_\_ Standard: \_\_\_\_\_

## III. APPLICATION DEFINITION - Complete the relevant section based upon the application.

A. eMobility : **Power of the Motor (W):** \_\_\_\_\_ Mass of Vehicle: \_\_\_\_\_ Regeneration: \_\_\_\_\_  
 B. Power Storage: **Back up time:** \_\_\_\_\_ Cycle Time: \_\_\_\_\_ Frequency: \_\_\_\_\_  
 C. Crane/Lift: **Motor Rating:** \_\_\_\_\_ Lift Time: \_\_\_\_\_ Regeneration: \_\_\_\_\_

## IV. BATTERY DEFINITION

A. Existing Battery Chemistry: \_\_\_\_\_ B. Existing Battery Type: \_\_\_\_\_ **C. System Voltage (V):** \_\_\_\_\_  
 D. Battery Capacity (Ah): \_\_\_\_\_ **E. Capacity (Ah):** \_\_\_\_\_ F. Number of Cycles achieved: \_\_\_\_\_  
 G. Internal Resistance (mΩ): \_\_\_\_\_  
 H. Charging Parameters:  
**Maximum Charging Power (kW):** \_\_\_\_\_ Maximum Charging Voltage (V): \_\_\_\_\_ Maximum Charging Current (A): \_\_\_\_\_  
 Charging Method: \_\_\_\_\_ Constant Current \_\_\_\_\_ Constant Voltage \_\_\_\_\_ Constant Power \_\_\_\_\_  
 I. Discharging Requirements:  
**Maximum Discharging Power (kW):** \_\_\_\_\_ Minimum Discharging Voltage (V): \_\_\_\_\_  
 Maximum discharge Current (A): \_\_\_\_\_ Continuous discharge current (A): \_\_\_\_\_  
 Duration time for Max. current drain (sec): \_\_\_\_\_ Duration time for operation (time): \_\_\_\_\_

## V. ENVIRONMENTAL CONDITION

A. Local Temperature Range (°C): \_\_\_\_\_ B. Temperature of Working Environment (°C): \_\_\_\_\_  
 C. Relative Humidity of Working Environment (%): \_\_\_\_\_

## VI. SIZE OF BATTERY COMPARTMENT

A. Dimensions of Battery Compartment (L x W x H): \_\_\_\_\_ Drawing Attached: \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_  
 B. Does the above dimensions include:  
 Ventilation Fan: \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_  
 Gas Exhaust Space: \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_  
 Electricity for Additional Fan: \_\_\_\_\_ Yes \_\_\_\_\_ No \_\_\_\_\_

## VII. CURRENT PROTECTION/SAFETY CONDITION

A. Built in protection installed: \_\_\_\_\_ **B. Battery Management System (BMS) Installed:** \_\_\_\_\_ C. None: \_\_\_\_\_  
 \_\_\_\_\_ Temperature Protection  
 \_\_\_\_\_ Min. & Max. Voltage Protection  
 \_\_\_\_\_ Safety Cutoff Protection

## VIII. ENVIRONMENT AND SAFETY SPECIFICATION REQUIREMENT

A. Applicable Regulations Needed: \_\_\_\_\_  
 B. Additional Specific Quality Requirement: \_\_\_\_\_  
 C. Special Testing Requirements: \_\_\_\_\_  
 D. Other Remarks: \_\_\_\_\_

FOR INTERNAL USE ONLY

APPROVALS: \_\_\_\_\_ SALES: \_\_\_\_\_ ENGINEERING: \_\_\_\_\_