**KOKAM BATTERY PACK**

**REQUIREMENT FORM**

1. **General Customer Information**

|  |  |  |  |
| --- | --- | --- | --- |
| Date |  | Contact Name |  |
| Company Name |  | Job Title |  |
| Company Location(Country / City)  |  | Cell Phone |  |
| Telephone |  |
| Website |  | E-mail  |  |

1. **Applications**

|  |
| --- |
| **Select appropriate applications (multiple choices applicable)** |
|  |

1. **General Description**

|  |  |
| --- | --- |
| **Category** | **Please Provide All the Information regarding the project** |
| Project Name |  |
| Description of project |  |
| End User |  |
| Target Pricing | Sample order |  |
| Project order |  |
| NRE Budget (One Time) |  |
| Required Certification / Standard |  |

1. **Systematic Requirements**

|  |  |
| --- | --- |
| Installation Type |  |
| BMS |  | Electric Components(Contactors, Fuse, Hall Current Transducers, Etc.) |  |
| Upper Device Communication |     |

1. **Battery Pack Requirements**

|  |  |  |
| --- | --- | --- |
| * Rated Energy
 |  | kWh |
| * Required # of Cycles
 |  | @ DOD Rate |  | % |
| * Calendar Life
 |  | Years |
| * Application's Definition

of End of Life |  | % |
| **Battery System Voltage** |
| * Nominal Pack Voltage
 |  | VDC |  |
| * Maximum Pack Voltage
 |  | VDC |  |
| * Minimum Pack Voltage
 |  | VDC |  |
| **Discharge rate** |
| * Continuous Power / Duration
 |  | kW |  | Min | Maximum power of the system, expressed as kW/MW along with the maximum duration the unit can operate at required condition |
| * Peak Discharge Power / Duration
 |  | kW |  | Sec |
| * Frequency of Peak Usage
 |  | i.e.) 1 day (Mean period) |
| **Charge rate** |
| * Continuous Power / Duration
 |  | kW |  | Min | Maximum power of the system, expressed as kW/MW along with the maximum duration the unit can operate at required condition |
| * Peak Charge Power / Duration
 |  | kW |  | Sec |
| * Frequency of Peak Usage
 |  | i.e.) 6 hours (Mean period) |

1. **PCS(Bi-directional Inverter) / Charger Specification**

|  |  |  |  |
| --- | --- | --- | --- |
| * Rated Power
 |  | kW  | Please specify the **charger** you plan to use with Kokam’s battery system. |
| * DC Voltage Range
 |  | VDC |

1. **Environmental Information - System Operating Environment Info.**

|  |  |  |
| --- | --- | --- |
| * Installation Environment
 |  | Indoor / Outdoor |
| * Operating Temperature Range
 |  | °C |
| * Storage Temperature Range
 |  | °C |
| * Information of the expected installation environment

(As specific as possible)Ex) Underground, Weatherproofing, etc. |  |

1. **Other Specification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| * Expected Maximum Mechanical Requirements
 | Dimension |  | (mm) | Length |
|  | (mm) | Width |
|  | (mm) | Height |
| Weight |  | (kg) | Weight |
| * Any other operational considerations or safety considerations
 |  |

1. **Shipping**

|  |
| --- |
| **Please Provide All the information regarding shipment** |
| Estimated Quantity of Order (EA) |  |
| Order Type | Sample [ ]  | Project [ ]  |
| Desired Delivery Date (Y/M/D) |  |
| Delivery Terms (Incoterms) | EXW |
| **Forecasted Annual Volume for 3 yrs.** |
| Year 2021 (EA) |  | Year 2022 (EA) |  | Year 2023 (EA) |  |