**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) | |  |