

KOKAM ENERGY STORAGE SYSTEM REQUIREMENT FORM

Please fill in shaded area

General Customer Information

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

Applications

Select appropriate applications (multiple choices applicable)

- Frequency Regulation
 Peak Shaving
 Load Labeling
 Renewable Value Enhancement
 T & D
 Arbitrage
 Spinning Reserve
 Utility Support
 Etc.

A. General Description

Category	Please Provide All the Information regarding the project
Project Name	
Description of project	
End User	
Target Pricing	
Required Certification / Standard	

B. Systematic Requirements

Grid type	
Grid Options	<input type="checkbox"/> Grid Tied <input type="checkbox"/> Off Grid <input type="checkbox"/> Hybrid
Select appropriate types	<input type="checkbox"/> 3 Phases <input type="checkbox"/> Single Phase
	<input type="checkbox"/> 3 lines <input type="checkbox"/> 4 lines
	VAC
	Hz

Corporate Headquarters

30-78, 1220 beongil, Gyeongsu-Daero, Jangan-Gu, Suwon-Si, Gyeonggi-Do Korea
 Tel +82 31 3620 100
 Email battery@kokam.com

Manufacturing Plant

19, Gaya Gongdangil, Gayagok-Myeon, Nonsan-Si, Chungnam Korea
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C. Energy Storage System Requirements

- Rated Energy Wh
- Required # of Cycles @ DOD Rate %
- Calendar Life Years
- DC input voltage V
- DC input current A
- Application's Definition of End of Life %

Battery System Voltage

- Nominal Pack Voltage VDC
- Minimum Pack Voltage VDC
- Maximum 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 Ex) 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 Ex) 6 hours (Mean period)

D. PCS Requirements - PCS (Bi-directional Inverter) specification

- Nominal Power kW MW
(Please select the parameter)
- AC Voltage VAC
- VA Maximum kVA
- Frequency Hz

E. Environmental Information - System Operating Environment Info.

- Installation Environment Indoor / Outdoor
- Ancillary System List all ancillary requirements (HVAC, fire suppression, etc.)
- Operating Temperature Range °C
- Battery Running time per day (Charge / Discharge) hours
- Information of the expected installation environment (As specific as possible)
Ex) Underground, Weatherproofing, Temperature(Cooling)

F. Other Specification

- Expected Maximum Mechanical Requirements Dimensions (m) Length
 (m) Width
 (m) Height
Weight (Kg) Weight
- Any other operational, environmental considerations

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G. Shipping

Please Provide All the information regarding shipment					
Estimated Quantity of Order_(EA)					
Desired Delivery Date_(Y/M/D)					
Delivery Terms			EWX		
Estimated Annual Volume					
Year 2017 (EA)		Year 2018 (EA)		Year 2019(EA)	

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