

GRID-SCALE BESS

XEYAR LEVIATHAN

PRODUCT SPEC SHEET · GRID-SCALE BESS

20-foot containers. 2,362 kWh each. VPP-ready via XEYAR Nexus.

LEVIATHAN is XEYAR's utility-scale container BESS. Each 20-foot Na-ion container delivers 2,362 kWh and supports frequency regulation, energy arbitrage, and renewable integration. Multi-container deployments scale to tens of megawatt-hours. Outdoor IP55 rating, 200% daily cycling, and gas suppression (no water-based fire systems, zero thermal runaway chemistry).

SUPERCAPACITOR OPTION

High-cycle grid services · black-start capable

SODIUM-ION OPTION

2,362 kWh/container · multi-hour duration

Wholesale-Market Ready · VPP and wholesale-market ready via XEYAR Nexus. Automated bidding into CAISO, ERCOT, PJM, NYISO, ISO-NE, MISO, SPP, and National Grid ESO. Revenue distribution engine handles all stakeholder splits automatically.

SPECIFICATIONS

Attribute	Value
Capacity per Container	2,362 kWh (Na-ion)
Form Factor	Standard 20-foot ISO container
Enclosure Rating	IP55 outdoor
Daily Cycling	200%
Fire Suppression	Gas (no thermal runaway)
Grid Functions	FR, arbitrage, VPP, black-start (SuperCap)
Market Integration	CAISO, ERCOT, PJM, NYISO, ISO-NE, MISO, SPP, National Grid ESO
Scaling	Multi-container to tens of MWh
Certifications	UL 9540, UL 9540A (passed), IEEE 1547

IDEAL FOR

- Utility-scale frequency regulation
- Renewable firming (solar & wind)
- Independent power producer (IPP) projects
- Energy arbitrage & wholesale markets
- Distribution system deferral
- VPP aggregation deployments

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XEYAR LEVIATHAN

Ready to Specify Your LEVIATHAN Project?

Request a quote · Book a demo · Talk to engineering

Quote: xeyar.com/contact/?topic=quote-leviathan

Demo: xeyar.com/contact/?topic=demo-leviathan

Sales: sales@xeyar.com