



# 480 kWh energy storage solution

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**Turnkey Solution for Fast Install** Fully integrated, pre-configured package system reduces on-site installation time; includes inverter(s), battery trays, racks, BMS, Microgrid Controller, HVAC, fire suppression, islanding switch, and outdoor rated enclosure.

**Adaptive Intelligent EMS / Fleet Management** Intelligent software to reduce electricity cost, prepare for resiliency, and maximize return on investment. Remote operation and maintenance for multiple sites.

**Safe Technology & Multi-level Protection** Tier 1 Lithium Iron Phosphate (LFP) chemistry for the highest level of safety, thermal stability, and reliability; An integrated, multi-level Battery Management System (BMS) monitors, optimizes, and balances the system.

**Easy & Flexible to scale (Easy scalability)** This outdoor rated, modular solution can be expanded depending on the energy and power requirement at either 208Vac or 480Vac with a maximum of 2 units in parallel.

**Fully Integrated, Pre-configured Turnkey Solution** The eSpire Mini Energy storage system is a fully integrated, pre-configured turnkey solution for Large Residential and Light Commercial Projects (3Ph 208/480Vac @60Hz). The eSpire Mini has numerous applications such as Microgrid, backup, off-grid peak shaving, time of use, self supply, demand response and Virtual Power Plant (VPP). With AC and DC Coupling options, indoor and outdoor installation and Scalable capacity from 81-266kWh per unit, the eSpire Mini is perfect for your next project.

The best way to get started is to fill out our commercial project intake form. Our team will then reach out to schedule an introductory call to learn more about the project goals, timelines, and discuss potential incentives and rebates. [Click here to begin.](#)

**Gridbox 10GB Battery Energy Storage System (BESS)** is a high-energy-density product specifically designed for Utility, Commercial & Industrial applications. The 10GB BESS Solution includes our Lithion Battery Modules, bidirectional inverter, isolation transformer, thermal management system, overcurrent protection, and our Gridbox Control System.

An environmental control system is also built into the container, which increases service life of the battery system. Intelligent battery management technology is leveraged to improve the safety of the system and its lifespan.

The BESS's EMS manages communication to on-site PV inverter, generators, ATS, power meters and load control systems. The MG 125 is provided with an external grid disconnect contactor and programmed SEL 751 relay. The EMS is provided with a cellular modem and LAN port for internet access.



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Our team will proactively work with your engineers and electricians to support early design development, system installation, on-site commissioning, and testing. We develop low voltage and communication drawings for each site. We will also work with your team to develop a site-specific line drawing.

Current Energy Storage and ELM Fieldsight have been partners in designing and developing Energy Storage Systems since 2016. Our partnership today extends through selling and marketing a broad range of BESS systems manufactured by ELM. Contact us today for more details.

Contact us for free full report

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