



# Battery life 480 kWh

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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).

Cycle life: 6000 cycles or 15 years (based on testing described below) Price: approx AUD\$635 per kWh (US\$480/kWh) Warranty: 10 years to 60% minimum retained capacity. Compatibility: Most 24V & 48V off-grid and hybrid inverters.

Multiple of basic storage battery of nominal voltage 48V in parallel/series connection. Each basic storage battery with built-in intelligent BMS effectively prevent battery overcharge, over-discharge, overcurrent and over-temperature. Standard 19-inch rack-mount durable enclosure for plug & play replacement.

The industrial battery backup and energy storage system for generator replacement can typically power a 1,000 KVA 480 VAC load for over 2 hours. Backup time increases as the load drops with minor energy consumption adjustments like selectively running HVAC, turning off all unnecessary lights, and powering down and unpl.

o Longer battery life. With a lifetime at least double that of VRLA equivalents, lithium-ion battery capacity costs less to buy in the long run, even with the attractive price of traditional batteries. The labor costs associated with battery removal and replacement are also dramatically reduced. o Multiple times more discharge/recharge cycle

**PACKING A PUNCH!** BigBattery's 24V 3 kWh LiFePO4 MULE battery packs a whole lot of punch into a compact form factor and is the perfect centerpiece for any solar, off-grid, or emergency power system.

With our advanced BMS, including our proprietary Triple Safety Redundancy system, a 300A Safety Fuse, and the ability to connect several units together in parallel, the MULE can handle large power systems with safety, ease, and reliability. Plus, equipped with a set of sturdy caster wheels, the MULE is easily transported, making for smooth installations and easy mobile power setups. This battery can be setup nearly anywhere and is always ready to power your equipment and your adventures!

Utilizing only brand new LiFePO4 cells, you'll be lasting longer, charging quicker, and saving weight and space compared to the outdated lead acid alternatives available today. It's time for an upgrade. It's time for the 24V MULE. Get yours today!

System Description: o 60kW @ 277/480VAC Output (4W+G) o Smart Inverter plus Lithium Batteries are built



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in one cabineto Power Resistor for regenerative energy Includedo Enclosure Rating: NEMA-1 (IP 20)o  
Dimension: 40"x 48"x 80"; Weight: 3,000 lbs. (1362 kg.)Transformer: Not Applicable

Contact us for free full report

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