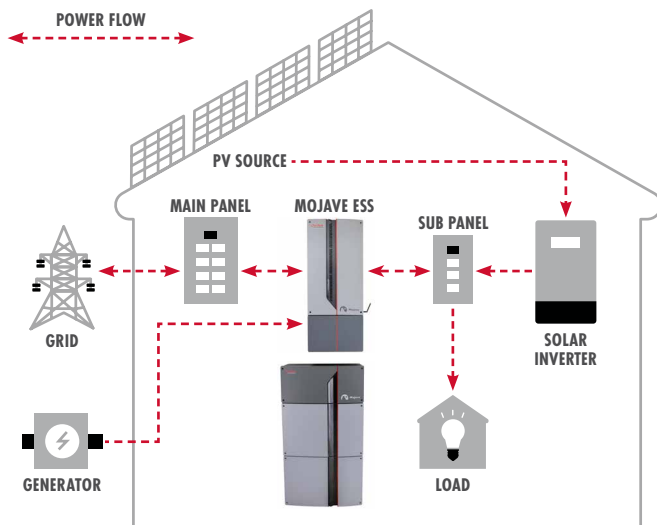


# Mojave™

## Lithium Energy Storage System



- Be ready for anything with off-grid capability
- Easily start motors and compressors commonly found in freezers and HVAC systems, outpacing other energy storage systems
- Seamlessly AC-couple with UL 1741-SA listed grid-tied inverters up to 8kW for easy addition to existing solar PV systems
- Takes up just 2 square feet of floor space and fits between most garage doors and their side walls
- Connect to the intuitive user interface via integrated Wi-Fi hotspot and a smartphone, tablet or laptop
- Access OPTICS RE™ via Ethernet or Wi-Fi internet connection
- Easily add a generator or other secondary AC source
- Quickly and easily install with mounting plate and roomy integrated wiring compartment



### The Mojave™ platform combines the latest power electronics and control technology with the old-school muscle and practical features that define OutBack Power™.

The Mojave ESS continues the impressive legacy of robust off-grid and grid-hybrid performance for which OutBack Power's FX, FXR and Radian platforms are well known. But it doesn't stop there. The Mojave ESS includes the battery and integrated controls and communications for faster, clutter-free installation.

The OGHES8015A comes ready to AC-couple with most grid-tied inverters. It's the easy way to add the economic and resilience benefits of energy storage to existing residential PV systems.

On-grid or off, be ready for anything.

# Mojave™ Lithium Energy Storage System Specifications

|   |  |
|---|--|
| <b>Model:</b>                                 | <b>OGHESS8015A</b>   |
| <b>AC Input/Output</b>                        |  |
| <b>AC Voltage:</b>                            | 120/240VAC (split-phase)   |
| <b>AC Frequency:</b>                          | 60Hz   |
| <b>Max Peak/Continuous AC Output Power:</b>   | 10000VA / 8000VA (derate above 40 °C)  |
| <b>Max Peak/Continuous Output Current:</b>    | 42A/34A  |
| <b>Total Harmonic Distortion:</b>             | <b>Typical:</b> <2%   <b>Max:</b> <5%  |
| <b>Power Factor at Rated Power:</b>           | 1  |
| <b>Idle Power:</b>                            | <b>Invert Mode, No Load:</b> 100W   <b>Idle:</b> 10W   |
| <b>AC Coupling:</b>                           | Up to 8kW  |
| <b>Battery</b>                                |  |
| <b>Capacity Nameplate/Usable:</b>             | 14.8 / 11.8kWh   |
| <b>Max Charging Current Peak/Continuous:</b>  | 200A   |
| <b>Max Discharge Current Peak/Continuous:</b> | 200A   |
| <b>Integrated DC Disconnect Rating:</b>       | 250A   |
| <b>Grid Interactivity</b>                     |  |
| <b>Supported Operating Modes:</b>             | Immediate battery backup power, grid support (UL 1741 SA), net metering, non-export, off-grid                  |
| <b>Islanding Protection:</b>                  | Yes  |
| <b>Supported Interconnection Standards:</b>   | IEEE 1547-2003, IEEE 1547.1-2005   |
| <b>Mechanical</b>                             |  |
| <b>Weight (lb/kg):</b>                        | <b>Inverter:</b> 133 / 60   <b>Battery:</b> 455 / 260  |
| <b>Dimensions W × H × D (in/mm):</b>          | <b>Inverter:</b> 16 × 38 × 11.25 / 406 × 965 × 286   <b>Battery:</b> 24 × 44 × 12.25 / 610 × 1118 × 311        |
| <b>Chassis Type:</b>                          | Indoor-only, vented, NEMA 1, IP2X  |
| <b>Additional Features</b>                    |  |
| <b>Listings/Certifications:</b>               | UL 1741 SA, CSA 22.2 No. 107.1, IEEE 1547-2003, IEEE 1547.1-2005, UL1973: 20182, UN38.3, UL 9540: 2020 pending |
| <b>RoHS:</b>                                  | Yes, directive 2011/65/EU  |
| <b>Operating Temperature Range:</b>           | 32 to 113 °F (0 to 45 °C)  |
| <b>Warranty Duration:</b>                     | 10 years or 46MWh  |
| <b>Field-Upgradable Firmware:</b>             | Internet (default), local Wi-Fi, Ethernet or USB   |



an EnerSys® company

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