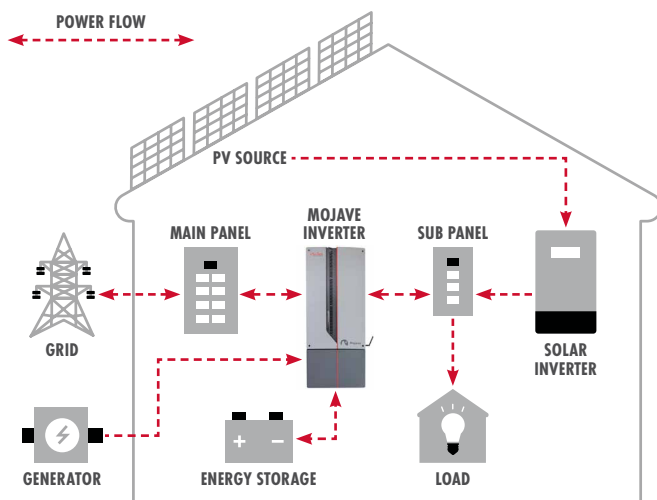


# Mojave™

## Grid-Hybrid Inverter



- Be ready for anything with off-grid capability
- Easily start motors and compressors commonly found in freezers and HVAC systems, outpacing other inverters
- Seamlessly AC-couple with UL 1741-SA listed grid-tied inverters up to 8kW for easy addition to existing solar PV systems
- Take ownership of your energy in the face of time-of-use rates, demand charges and net-metering changes
- 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 inverter 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 inverter does away with external system controllers and includes an integrated wiring compartment for faster, clutter-free installation.

The OGH18048A comes ready to AC-couple with most grid-tied inverters and 48 VDC batteries on the market today. 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™ Inverter Specifications

<b>Model:</b>	<b>OGHI8048A</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>Nominal DC Battery Voltage:</b>	48VDC
<b>Battery Voltage Range:</b>	40 to 64VDC
<b>Battery Types:</b>	Flooded, AGM, Lithium-Ion*
<b>Grid Interactivity</b>	
<b>Supported Operating Modes:</b>	Immediate battery backup power, grid support (UL 1741 SA), net metering, non-export, maximum independence
<b>Islanding Protection:</b>	Yes – IEEE 1547 compliant
<b>Supported Interconnection Standards:</b>	IEEE 1547-2003, IEEE 1547.1-2005
<b>Mechanical</b>	
<b>Weight (lb/kg):</b>	133 / 60
<b>Dimensions W × H × D (in/mm):</b>	16 × 38 × 11.25 / 406 × 965 × 286
<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
<b>RoHS:</b>	Yes, directive 2011/65/EU
<b>Operating Temperature Range:</b>	32 to 113°F (–20 to 50°C)
<b>Warranty Duration:</b>	10 years
<b>Field-Upgradable Firmware:</b>	Yes

\*Visit <https://outbackpower.com/mojave-battery-compatibility> for details on battery compatibility