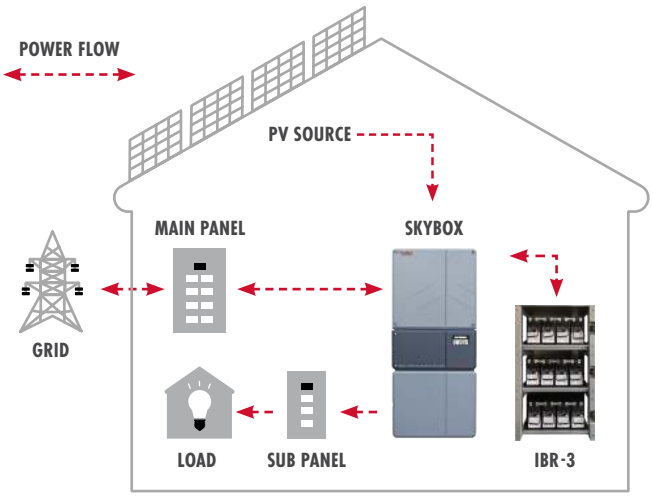
OutBack POWER™
an EnerSys company

Integrated Battery Rack

Comprehensive Battery Enclosure Solution

- Ideal for use with OutBack SkyBox, Radian and FLEXpower systems
- Fast installation with cell interconnect
- Supports multiple 48V strings of OutBack EnergyCell and lithium-ion batteries
- Overcurrent protection on each battery string provides added safety and flexibility
- Well-ventilated for increased battery safety and longevity



Our line of pre-assembled battery racks are designed to meet the needs of system integrators and installers and provide the best of both worlds.

The innovative OutBack Integrated Battery Rack (IBR) system is a comprehensive battery enclosure which includes all cell interconnects, cabling and series string overcurrent protection and disconnects. All electrical connections are made at the factory and ship fully assembled with the exception of the batteries, which can be quickly added and connected on the job site, making the IBR uniquely easy to specify, order and install.

Unlike typical steel racks or sheet-metal enclosures, the OutBack design is crafted of powder-coated aluminum, resulting in a cleaner appearance able to withstand the most challenging environments–while weighing less than 90 pounds. The two-shelf IBR is sized to fit under an OutBack Radian inverter/charger to reduce system component "clutter" and make the best use of installation space. Clear covers on the racks permit visual inspection of internal components while providing additional protection for the batteries and electrical connections. The new, lithium-ion models are tested and listed to the Energy Storage Systems and Equipment standard ANSI/CAN/UL-9540.

Integrated Battery Rack Specifications

Models:	**IBR-2-48-175**	**IBR-3-48-175**
Dimensions H × W × D (in/cm)	33 × 27 × 24.5 / 83.8 × 68.6 × 62.2	48.6 × 27 × 24.5 / 123.4 × 68.6 × 62.2
Weight Without Batteries (lb/kg)	60 / 27	89 / 40.4
Physical Characteristics	0.125-inch thick aluminum enclosure with FLEXware silver finish; plated copper bus bars and clear protective covers. Ships fully assembled (except for batteries)	
String Overcurrent Protection	175ADC	175ADC
Gauge of Conductors	1/0 AWG	1/0 AWG
Capacity	Up to 8 EnergyCell batteries	Up to 12 EnergyCell batteries
Nominal System Voltage	48VDC	48VDC
Supported Batteries*	EnergyCell 200PLR, EnergyCell 200PLC and more	

Models:	**IBR-2-48-175-LI**	**IBR-3-48-175-LI**
Dimensions H × W × D (in/cm)	33 × 27 × 24.5 / 83.8 × 68.6 × 62.2	48.6 × 27 × 24.5 / 123.4 × 68.6 × 62.2
Weight Without Batteries (lb/kg)	60 / 27	89 / 40.4
Physical Characteristics	0.125-inch thick aluminum enclosure with FLEXware silver finish; plated copper bus bars and clear protective covers. Ships fully assembled (except for batteries)	
String Overcurrent Protection	175ADC	175ADC
Gauge of Conductors	#4 AWG, 1/0 AWG	#4 AWG, 1/0 AWG
Capacity	Up to 4 (48V) lithium-ion batteries	Up to 6 (48V) lithium-ion batteries
Nominal System Voltage	48VDC	48VDC
Supported Batteries*	SimpliPhi and more	

* Batteries are sold separately

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