



# Renewable Energy Systems

## FLEXpower Radian with Energy Storage



FPR-8048A-28.8kWh

- All-in-one package includes a FLEXpower Radian, Integrated Battery Rack (IBR) and EnergyCell RE batteries
- Easy-to-order, pre-packaged systems, available in two sizes, offer a simplified solution
- For optimized system footprint, the IBR is designed to fit underneath the FLEXpower Radian
- Faster installation with a pre-assembled system and fully integrated GS load center can save up to a half day of labor
- Advanced Grid/Hybrid technology allows for grid-interactive and stand-alone capability in one unit
- Overcurrent protection on each battery string provides added safety and flexibility

### OutBack's Renewable Energy System is an all-in-one package that includes the inverter/charger, balance-of-system components, and energy storage.

Everything needed, outside the power sources, is completely integrated; just install the mounting bracket, hang the system on the wall, make the necessary connections and the system is fully operational.

Remote system control and monitoring available through any internet-connected device with OPTICS RE. System carries all necessary ETL certifications and are UL recognized.

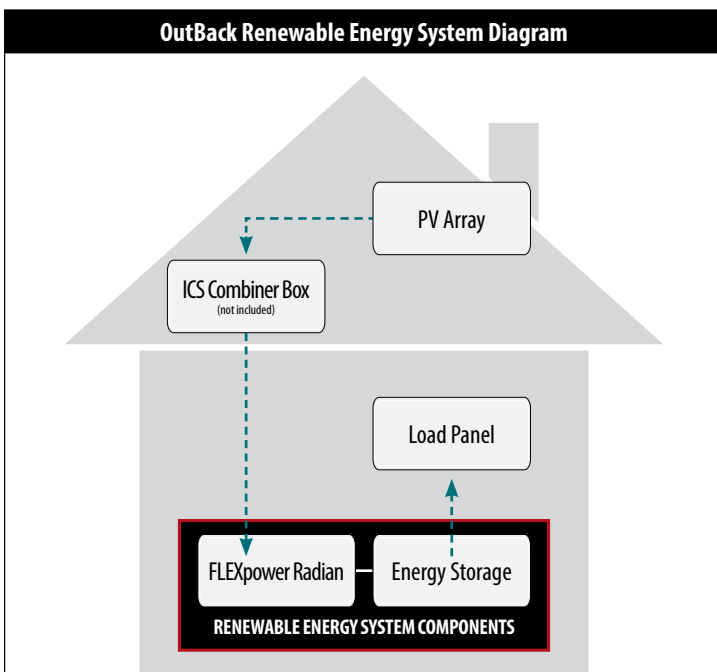
### Renewable Energy System Applications:

- **FPR-4048A (19.2kWh):** Ideal for smaller power grid-tied with battery backup or stand-alone applications—including homes, cabins, or remote communication sites with up to one day of autonomy.
- **FPR-8048A (28.8kWh):** Ideal for medium-power grid-tied with battery backup or stand-alone applications — including larger homes and light commercial backup power systems.

Models:	FPR-4048A-19.2kWh	FPR-8048A-28.8kWh
<b>Description</b>	FLEXpower Radian with 19.2kWh of energy storage and IBR	FLEXpower Radian with 28.8kWh of energy storage and IBR
<b>Inverter</b>	GS4048A	GS8048A
<b>GSLC</b>	GSLC175PV1-120/240	GSLC175PV-120/240
<b>Bypass</b>	120/240VAC	120/240VAC
<b>Inverter OCPD**</b>	175A	175A
<b>PV OCPD**</b>	80A	80A
<b>GFDI</b>	Yes	Yes
<b>RTS</b>	Yes	Yes
<b>Charge Controller</b>	(1) FLEXmax 80	(2) FLEXmax 80
<b>Batteries</b>	(8) EnergyCell 200RE	(12) EnergyCell 200RE
<b>Battery Bank Voltage</b>	48VDC	48VDC
<b>Battery Rack</b>	IBR-2-48-175	IBR-3-48-175
<b>Dimensions H x W x D (in/cm)</b>	<b>FLEXpower Radian:</b> 47.0 x 33.5 x 9.84 / 119.4 x 85.1 x 24.9 <b>IBR-2:</b> 33 x 27.0 x 21.25 / 83.8 x 68.6 x 54	<b>FLEXpower Radian:</b> 47.0 x 33.5 x 9.84 / 119.4 x 85.1 x 24.9 <b>IBR-3:</b> 48.6 x 27.0 x 24.4 / 123.4 x 68.6 x 61.9
<b>Weight (lb/kg)</b>	<b>FLEXpower Radian:</b> 195 / 88.5 <b>IBR-2 w/ Batteries:</b> 1108 / 507.0	<b>FLEXpower Radian:</b> 250 / 113.4 <b>IBR-3 w/ Batteries:</b> 1661 / 760.4

\*OutBack Renewable Energy Systems include: A fully pre-wired FLEXpower Radian (Radian Series inverter/charger, FLEXmax 80 charge controller(s), MATE3 system display and communications, FLEXnet DC system monitor, AC and DC wiring boxes, HUB 10.3 communications device, surge protector, remote temperature sensor (RTS), battery and PV array breakers, GFDI, and input-output bypass pre-built onto included mounting plane), an Indoor Battery Rack (IBR) and EnergyCell 200RE batteries with cell interconnects, cabling, and series string overcurrent protection and disconnects included. All electrical connections are made at the factory and ship fully assembled. See individual product specsheets or product guide for full specifications.

\*\*Overcurrent protective device.



### Worldwide Corporate Offices

