



FLEXpower™ Radian

Fully Pre-Wired 4 or 8kW Inverter System



- Factory tested, pre-wired and pre-configured
- Fast installation with a pre-assembled system and fully integrated GS load center
- Optimized system footprint
- GridZero technology optimizes the balance between stored and renewable energy sources, minimizing grid dependence
- Advanced Battery Charging (ABC) supports leading-edge battery technologies, including lithium-ion
- Dual AC inputs for seamless generator integration in grid-interactive applications
- Grid-interactive and stand-alone capability in one unit
- System monitoring via web interface with OPTICS RE
- Components carry all of the necessary ETL certifications

OutBack's pre-assembled and pre-wired power systems take the concept of fast, easy installation to a new level of performance, value and flexibility with the FLEXpower Radian.

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

Available in the Radian A Series 4kW or 8kW inverter/charger, both models incorporate OutBack's GridZero technology, a superior level of intelligence in energy management for self-generation and self-consumption programs. It provides precise balancing between using stored energy, solar and utility power, blending-in the latter to overcome surges and load spikes. Both models feature an Advanced Battery Charging (ABC) profile option to support leading-edge battery technologies such as Lithium-Ion and others, and enhanced diagnostics for improved performance.

FLEXpower Radian Applications:

- The 4kW FLEXpower Radian (FPR-4048A) is ideal for smaller power applications—including homes, cabins, remote communication sites and backup power systems.
- The 8kW FLEXpower Radian (FPR-8048A) is ideal for applications with medium-sized power requirements—including larger homes and light commercial or backup power systems.

FLEXpower Radian Specifications*

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Model*	Description	Inverter	GSLC	Bypass	Inverter OCPD**	PV OCPD**	GFDI	RTS	Charge Controller
FPR-4048A	GS4048A FLEXpower Radian	GS4048A	GSLC175-PV1-120/240	120/240VAC	175A	80A	Yes	Yes	(1) FLEXmax 80
FPR-8048A	GS8048A FLEXpower Radian	GS8048A	GSLC175-PV1-120/240	120/240VAC	175A	80A	Yes	Yes	(2) FLEXmax 80

Details	FLEXpower Radian 4048A	FLEXpower Radian 8048A
Finished Dimensions H x W x D (in/cm)	47.0 x 33.5 x 9.84 / 119.4 x 85.1 x 24.9	47.0 x 33.5 x 9.84 / 119.4 x 85.1 x 24.9
Weight (lb/kg)	195 / 88.5	250 / 113.4

*All pre-wired systems include a Radian Series inverter/charger, FLEXmax 80 charge controller(s), MATE3 system display and communications, FLEXnet DC system monitor, AC and DC wiring boxes, HUB10.3 communications, surge protector and remote temperature sensor (RTS). The FLEXpower Radian is also equipped with battery and PV array breakers, GFDI and input-output-bypass. See individual product specsheets or product guide for full specifications. **Overcurrent protective device.

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