



# Radian™ Series

GS Load Centers

- Pre-Wired or Customized Options for Quick and Easy Installations
- Dual AC Inputs and DC Connections
- 120/240VAC and 230VAC Designs

## OutBack Radian Series Inverter/Charger with GS Load Centers Design a System That:

- Has Greater Dynamic Stability
- Is Fully Integrated from an Industry-Leading Brand
- Is UL1741 End-to-End



**GS Load Centers**

*Image shown for illustration purposes only.  
Actual product may vary.*

OutBack Power's GS Load Centers are an integrated connection enclosure series for AC and DC system connections in OutBack Radian Series inverter/charger applications, through provided inverter DC overcurrent protection and disconnects, dual AC inputs, grid-tie inverter connection and 120/240VAC or 230V maintenance bypass.

Designed for use with the Radian Series inverter/charger family, the options offer solutions for ground-up custom designs or factory pre-wired configurations for specific applications. The GSLC175-AC-120/240 can be used with AC-coupling applications in grid-tied systems.

The OutBack GS Load Centers simplify the configuration, distribution, and implementation of energy storage of the Radian Series inverter/charger through a standardized approach.

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## GS Load Centers Specifications\*

<b>Maximum Input Voltage</b>	600V
<b>Maximum Input Current</b>	500A
<b>Operating Frequency Range</b>	50/60Hz to DC
<b>Unit Dimensions (H x W x D)</b>	17 x 16 x 8.5" (43.2 x 40.6 x 21.6cm)
<b>Shipping Dimensions (H x W x D)</b>	23.25 x 20.5 x 13.5" (59.1 x 52.1 x 33.7cm)
<b>Enclosure Type</b>	Indoor Type 1 (IP30)
<b>Certifications</b>	UL 1741, CSA 22.2, No. 107.1-01, RoHS
<b>Warranty</b>	Standard 5 year

The GS Load Centers enclosures provide mounting holes for HUB communications manager and for up to 2 FLEXmax charge controller mounting brackets.

**The following components are sold separately or integrated for the GS Load Centers:**

- AC Load Circuit Breakers
- PV and DC Circuit Breakers
- PV Ground Fault Detector-Interrupter (GFDI)
- FLEXnet DC Battery Monitor
- Additional DC shunts and GS-SBUS (if desired)

\*All specifications in first table apply to all GS Load Center models

Installed Components	GSLC Model Numbers							
	GSLC	GSLC175-AC-120/240	GSLC175-120/240	GSLC175-230	GSLC175-PV-120/240	GSLC175-PV-230	GSLC175-PV1-120/240	GSLC175-PV1-230
<b>Enclosure w/ Hinged Door</b>	•	•	•	•	•	•	•	•
<b>175A Breakers</b>		2	2	2	2	2	1	1
<b>Dual AC Inputs</b>		•	•	•	•	•	•	•
<b>GFDI</b>					•	•	•	•
<b>FLE-net DC</b>					•	•	•	•
<b>PV Disconnects</b>					2	2	1	1
<b>500A DC Shunt</b>		1			3	3	2	2
<b>120/240VAC Bypass</b>		•	•		•		•	
<b>230VAC Bypass</b>				•		•		•
<b>ROCB, 4-50A 120/240 Circuit Breakers, Sliding Bypass Interlock</b>		•						
<b>Unit Weight</b>	26lbs (11.8kg)	40lbs (18.1kg)*	37lbs (16.8kg)	37lbs (16.8kg)	40lbs (18.1kg)*	40lbs (18.1kg)*	40lbs (18.1kg)*	40lbs (18.1kg)*
<b>Shipping Weight</b>	34lbs (15.4kg)	45lbs (20.4kg)*	45lbs (20.4kg)*	45lbs (20.4kg)*	45lbs (20.4kg)*	45lbs (20.4kg)*	45lbs (20.4kg)*	45lbs (20.4kg)*
<b>Recommended Radian Model</b>	GS8048 GS8048A GS4048A GS7035E GS3548E	GS8048 GS8048A GS4048A	GS8048 GS8048A GS4048A	GS7048E	GS8048 GS8048A	GS7048E	GS4048A	GS3548E

\*Minimum



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