



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



*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.

GS Load Centers Specifications*

Maximum Input Voltage	600V
Maximum Input Current	500A
Operating Frequency Range	50/60Hz to DC
Unit Dimensions (H x W x D)	17 x 16 x 8.5" (43.2 x 40.6 x 21.6cm)
Shipping Dimensions (H x W x D)	23.25 x 20.5 x 13.5" (59.1 x 52.1 x 33.7cm)
Enclosure Type	Indoor Type 1 (IP30)
Certifications	UL 1741, CSA 22.2, No. 107.1-01, RoHS
Warranty	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
Enclosure w/ Hinged Door	•	•	•	•	•	•	•	•
175A Breakers		2	2	2	2	2	1	1
Dual AC Inputs		•	•	•	•	•	•	•
GFDI					•	•	•	•
FLE-net DC					•	•	•	•
PV Disconnects					2	2	1	1
500A DC Shunt		1			3	3	2	2
120/240VAC Bypass		•	•		•		•	
230VAC Bypass				•		•		•
ROCB, 4-50A 120/240 Circuit Breakers, Sliding Bypass Interlock		•						
Unit Weight	26lbs (11.8kg)	40lbs (18.1kg)*	37lbs (16.8kg)	37lbs (16.8kg)	40lbs (18.1kg)*	40lbs (18.1kg)*	40lbs (18.1kg)*	40lbs (18.1kg)*
Shipping Weight	34lbs (15.4kg)	45lbs (20.4kg)*	45lbs (20.4kg)*	45lbs (20.4kg)*	45lbs (20.4kg)*	45lbs (20.4kg)*	45lbs (20.4kg)*	45lbs (20.4kg)*
Recommended Radian Model	GS8048 GS8048A GS4048A GS7035E GS3548E	GS8048 GS8048A GS4048A	GS8048 GS8048A GS4048A	GS7048E	GS8048 GS8048A	GS7048E	GS4048A	GS3548E

*Minimum



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