



Radian Series

GS Load Center



Features:

- Pre-wired or customized options for quick and easy installation
- Dual AC inputs and DC connections
- 120/240VAC and 230VAC designs
- Radian Series inverter/charger with a GS Load Center create a system that has greater dynamic stability
- Fully integrated from an industry-leading brand
- UL1741 end-to-end

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

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-tied inverter connection and 120/240VAC or 230V maintenance bypass.

Designed for use with the Radian Series inverter/charger family, the options offer ***solutions for group-up custom designs or factory pre-wired configurations for specific applications.***

Radian Series GS Load Center Specifications

04/2019

Models:	All GS Load Center Models
Maximum Input Voltage	600V
Maximum Input Current	500A
Operating Frequency Range	50/60Hz and DC
Dimensions H x W x D (in/cm)	UNIT: 17 x 16 x 8.5 / 43.2 x 40.6 x 21.6cm SHIPPING: 23.25 x 20.5 x 13.5 / 59.1 x 52.1 x 33.7
Enclosure Type	Indoor Type 1 (IP30)
Certifications	UL 1741, CSA 22.2, No. 107.1-16, RoHS
Warranty	Standard 5 year

Model Numbers	GSLC	GSLC175-120/240	GSLC175-PV-120/240	GSLC-PV-300VDC	GSLC175 PV1-120/240	GSLC-PV1-300VDC
Enclosure w/ Hinged Door	◆	◆	◆	◆	◆	◆
175A Breakers		2	2	2	1	1
Dual AC Inputs		◆	◆	◆	◆	◆
GFDI			◆		◆	
FLEXnet DC			◆	◆	◆	◆
PV Disconnects			2	2	1	1
500A DC Shunt	1	1	3	3	2	2
Weight (lb/kg)	UNIT: 26 / 11.8 SHIPPING: 34 / 15.4	UNIT: 37 / 16.8 SHIPPING: 45 / 20.4	UNIT: 40 / 18.1* SHIPPING: 45 / 20.4	UNIT: 40 / 18.1* SHIPPING: 45 / 20.4	UNIT: 40 / 18.1* SHIPPING: 45 / 20	UNIT: 40 / 18.1* SHIPPING: 45 / 20.4
Recommended Charge Controller Model			FLEXmax 60 and 80	FLEXmax 100	FLEXmax 60 and 80	FLEXmax 100
Recommended Radian Model	GS8048A-01 GS4048A-01 GS7035E GS3548E	GS8048A-01 GS4048A-01	GS8048A-01	GS8048A-01	GS4048A-01	GS4048A-01

230 Model Numbers	GSLC175-230	GSLC175-PV-230	GSLC-PV-300VDC-230	GSLC175PV1-230	GSLCPV1-300VDC-230
Enclosure w/ Hinged Door	◆	◆	◆	◆	◆
175A Breakers	2	2	2	1	1
Dual AC Inputs	◆	◆	◆	◆	◆
GFDI		◆		◆	
FLEXnet DC		◆	◆	◆	◆
PV Disconnects		2	2	1	1
500A DC Shunt	1	3	3	2	2
Weight (lb/kg)	UNIT: 37 / 16.8 SHIPPING: 45 / 20.4	UNIT: 40 / 18.1* SHIPPING: 45 / 20.4	UNIT: 40 / 18.1* SHIPPING: 45 / 20.4	UNIT: 40 / 18.1* SHIPPING: 45 / 20.4	UNIT: 40 / 18.1* SHIPPING: 45 / 20.4
Recommended Charge Controller Model		FLEXmax 60 and 80	FLEXmax 100	FLEXmax 60 and 80	FLEXmax 100
Recommended Radian Model	GS7048E	GS7048E	GS7048E	GS3548E	GS3548E

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).



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