



FLEXware[™] ICS

Integrated Combiner Solution



- When used with OutBack power conversion and energy storage components, the system will represent the only UL-1741 end-to-end single brand solution
- Easy-to-install fuses offer bi-directional overcurrent protection
- Vertical wall-mount, pole-mount or sloped roof-mount to 14° incline (3 in 12 roof pitch)
- Low-profile design allows for flexible mounting options
- NEMA 3R, powder-coated aluminum enclosure protects against environmental exposure
- Pre-configured and integrated design reduces installation time in the field

The OutBack Power FLEXware ICS combiner box is a cost-effective integrated solution for solar installations requiring basic combining and overcurrent protection needs.

The FLEXware ICS offers value, simplicity, and ease of installation in a single solution. The pre-integrated design saves labor time in the field and cuts down on installation costs.

With the new combiner boxes, OutBack achieves another first: a single-brand solution that is UL-1741 listed from roof to battery. This makes OutBack truly "one stop shopping" for any system installer or designer looking for a safe, fully-compliant solution.

Models:	FWPV6	FWPV4-FH600	FWPV6-FH600
Enclosure Material	Powder-coated aluminum with stainless steel hardware	Powder-coated aluminum with stainless steel hardware	Powder-coated aluminum with stainless steel hardware
Mounting Options	Vertical wall mount, pole mount or sloped roof mount to 14 degrees incline (3 in 12 roof pitch)		
Enclosure Rating	Outdoor rainproof, UL type NEMA 3R	Outdoor rainproof, UL type NEMA 3R	Outdoor rainproof, UL type NEMA 3R
Enclosure Security	Padlock hole in chassis for up to 3/8" padlock	Padlock hole in chassis for up to 3/8" padlock	Padlock hole in chassis for up to 3/8" padlock
Output Terminals	#14 to 2/0 AWG (2.08 to 67.4 mm ²)	#14 to 2/0 AWG (2.08 to 67.4 mm ²)	#14 to 2/0 AWG (2.08 to 67.4 mm ²)
Number of Separate Output Circuits	1	1	1
Total Maximum Current	96A	64A	96A
Overcurrent Protection	Not included, can accommodate (up to 6) 600VDC fuse holders	(4) DIN rail fuse holders that can accommodate up to 20A, 600V fuses (fuses sold separately)	(6) DIN rail fuse holders that can accommodate up to 20A, 600V fuses (fuses sold separately)
Input Terminals	Cable Glands #14 to 8 AWG (2.08 to 8.4 mm ²)	Cable Glands #14 to 8 AWG (2.08 to 8.4 mm ²)	Cable Glands #14 to 8 AWG (2.08 to 8.4 mm ²)
Certifications	UL 1741, CSA 22.2, CE	UL 1741, CSA 22.2, CE	UL 1741, CSA 22.2, CE
Unit Weight (lb/kg)	2.5 / 1.1	3.2 / 1.5	3.5 / 1.6
Unit Dimensions H x D x W (in/cm)	11.5 x 8.25 x 3.75 / 29.2 x 21.0 x 9.5	11.5 x 8.25 x 3.75 / 29.2 x 21.0 x 9.5	11.5 x 8.25 x 3.75 / 29.2 x 21.0 x 9.5
ICS Accessories	FUSE-15-600VDC/10: Box of (10) x 15A fuses FUSE-20-600VDC/10: Box of (10) x 20A fuses FH-30-1000VDC-DIN: 30A, 1000VDC fuse holder		



Worldwide Corporate Offices			
Headquarter Germany Hansastraße 8 D-91126 Schwabach Tel: +49 9122 79889 0 Fax: +49 9122 79889 21 Mail: info@alpha-outback-energy.com	Eastern Europe ee@alpha-outback-energy.com Middle East me@alpha-outback-energy.com	France and Benelux fbl@alpha-outback-energy.com Spain spain@alpha-outback-energy.com	Russia russia@alpha-outback-energy.com Africa africa@alpha-outback-energy.com

Alpha and Outback Energy GmbH reserves the right to make changes to the products and information contained in this document without notice. Copyright © 2020 Alpha and Outback Energy GmbH. All Rights reserved.

For more information please visit www.alpha-outback-energy.com