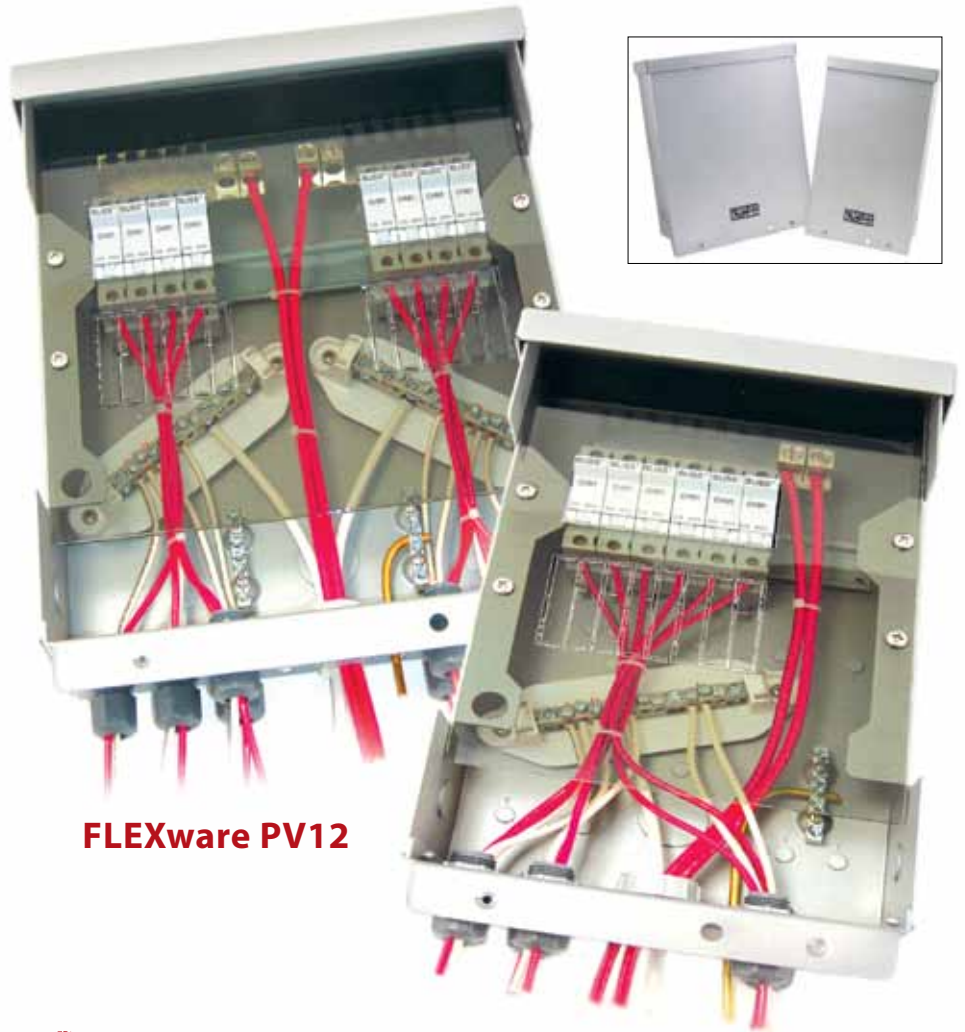




# FLEXware™ PV Combiner Box Series

Advanced Photovoltaic Combiner

- Combine Multiple Strings from a Single Array
- Outdoor Rain-Resistant Aluminum Enclosures
- Optimized Wire Routing for Easy Installation
- Tinted Flame-Retardant Polycarbonate Deadfront Panel
- Wall, Roof or Pole Mountable
- Accommodates Dual 2/0 AWG Output Wiring
- Accommodates 150VDC Breakers or 600VDC Fuses



**FLEXware PV12**

**FLEXware PV8**



OutBack Power's FLEXware PV Combiner Box Series sets the new standard for PV balance-of-system hardware. Ideal for both small and large systems, the FLEXware PV8 and FLEXware PV12 accommodates the overcurrent protection requirements of your application. From 150VDC breakers for low voltage PV systems, to 600VDC fuse holders for high voltage PV systems, the FLEXware PV Combiner series handles it all.

Designed to survive in outdoor environments, the rainproof, UL type 3R powder coated aluminum chassis can be mounted on a wall, sloped roof or pole. The unique angled negative terminal bus bar design make wiring fast and easy without the common problem of larger output conductors blocking

access to the smaller input terminals. Dual output lug terminals are included for up to 2/0 AWG conductors. The tinted flame-retardant polycarbonate deadfront panel creates a clean appearance while preventing accidental contact with the live terminals and is easily removable during installation.

The FLEXware PV Combiner Box Series makes it easy to take your installation to the next level.

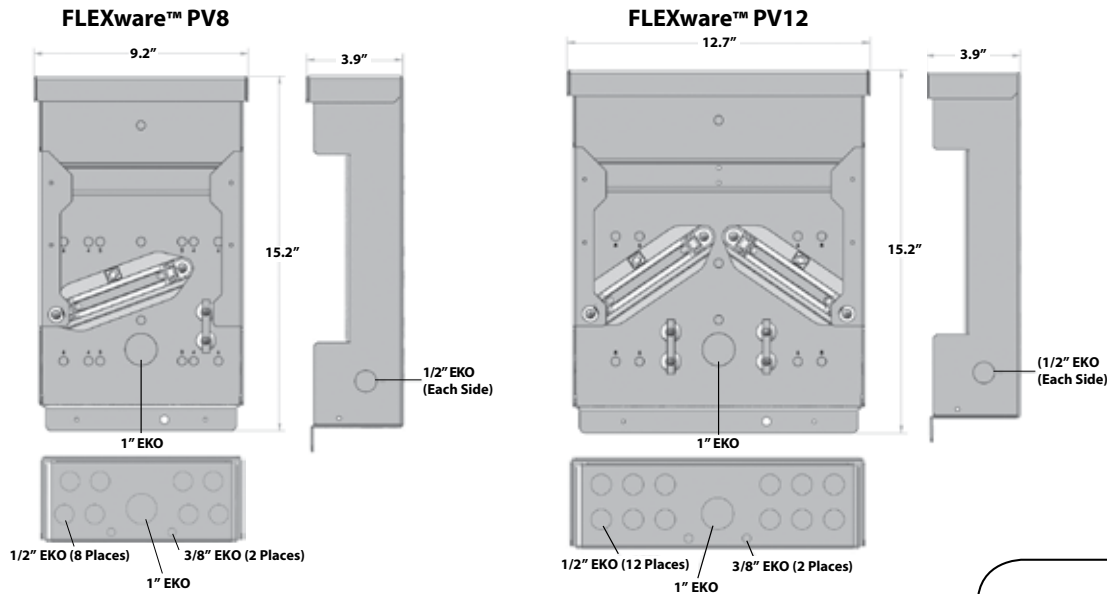
**OutBack**  
**POWER™**  
member of The  Group™

[www.outbackpower.com](http://www.outbackpower.com)

# FLEXware PV Combiner Box Specifications

	<b>FWPV-8</b>	<b>FWPV-12</b>	
<b>Enclosure Material</b>	Powder coated aluminum with stainless steel hardware	Powder coated aluminum with stainless steel hardware	
<b>Mounting Options</b>	Vertical wall mount, pole mount or sloped roof mount to 14 degrees incline (3 in 12 roof pitch)	Vertical wall mount, pole mount or sloped roof mount to 14 degrees incline (3 in 12 roof pitch)	
<b>Enclosure Rating</b>	Outdoor Rainproof, NEMA 3R	Outdoor Rainproof, NEMA 3R	
<b>Enclosure Security</b>	Padlock hole in chassis and cover for up to 3/8 inch padlock	Padlock hole in chassis and cover for up to 3/8 inch padlock	
<b>Output Terminals</b>	#14 - 2/0 AWG (2.08-67.4 mm <sup>2</sup> ) Two box lug terminals included	#14 - 2/0 AWG (2.08-67.4 mm <sup>2</sup> ) Two box lug terminals included	
<b>Number of Separate Circuits</b>	One Circuit	One or Two Circuits	
<b>Number of 150VDC Breakers</b>	Up to 8	Up to 12 (two groups of six)	
<b>Number of 600VDC Fuse Holders</b>	Up to 6	Up to 8 (two groups of four)	
<b>Input Terminal</b>	150VDC Breakers / #14 -6 AWG (2.08 - 13.3 mm <sup>2</sup> )	150VDC Breakers / #14 -16 AWG (2.08 - 13.3 mm <sup>2</sup> )	
<b>Certifications</b>	ETL Listed to UL1741, UL67, CSA22.2 #29	ETL Listed to UL1741, UL67, CSA22.2 #29	
<b>Weight (lbs/kg)</b>	<b>Unit</b>	4.4 / 2.0	5.9 / 2.7
	<b>Shipping</b>	5.5 / 2.5	7.4 / 3.3
<b>Dimensions H x W x L (in/cm)</b>	<b>Unit</b>	15.2 x 9.2 x 3.9 / 38.7 x 23.3 x 9.9	15.2 x 12.7 x 3.9 / 38.7 x 32.2 x 9.9
	<b>Shipping</b>	4.3 x 9.5 x 19 / 10.9 x 24.1 x 48.3	4.3 x 13 x 19 / 10.9 x 33 x 48.3

Specifications subject to change without notice



**Available From:**



**Corporate Office:**  
5917 195th St. NE  
Arlington, WA 98223 USA  
Phone: (360) 435.6030  
Fax: (360) 435.6019

**European Office:**  
Hansastrasses 8  
D-91126  
Schwabach, Germany  
Phone: +49. 9133.79889.0  
Fax: +49.9122.79889.21

**Asia Office:**  
Suite 1903, 19/F., Tower 1  
33 Canton Road, Tsun Sha Tsui  
China Hong Kong City, Kowloon  
Hong Kong  
Phone: +852.2736.8663  
Fax: +852.2199.7988

**Latin American Office:**  
15105 Cedar Bluff Pl.  
Wellington, FL 33414 USA  
Phone: (561) 792.9651  
Fax: (561) 792.7157