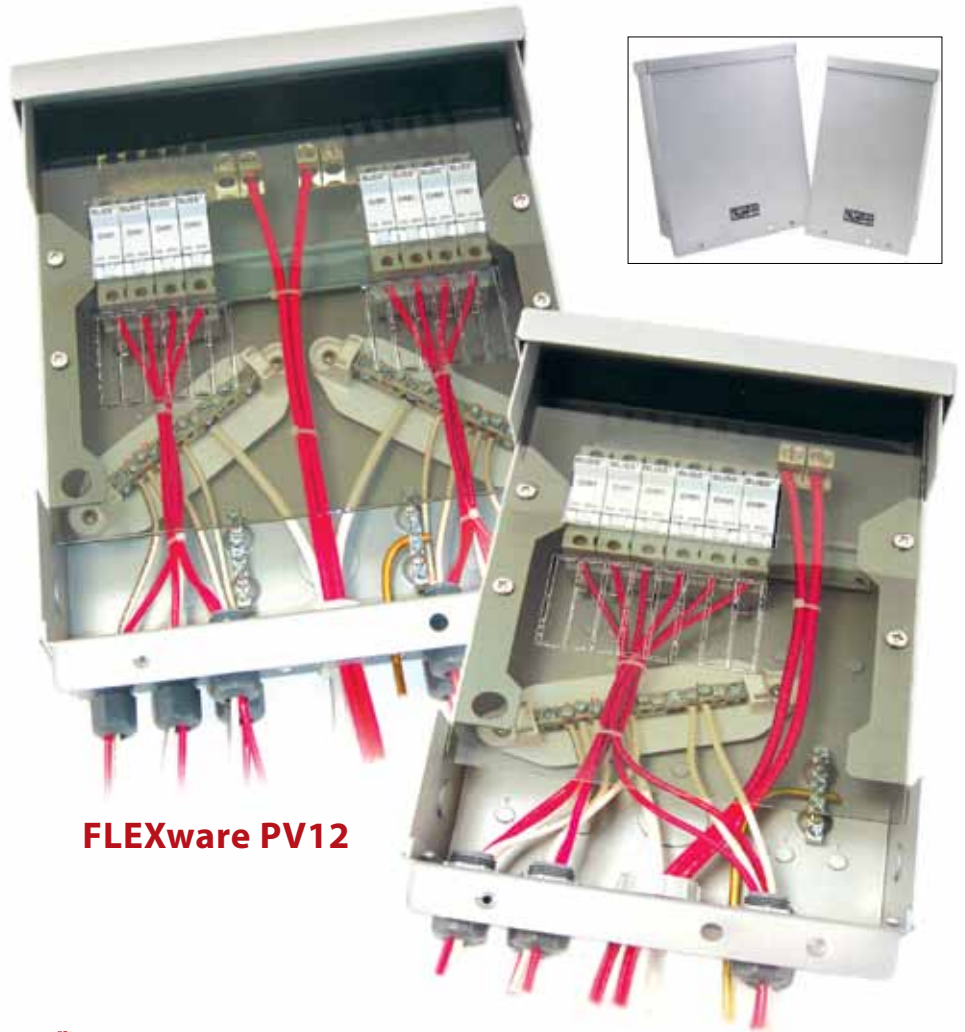# FLEXware™ PV Combiner Box Series

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.
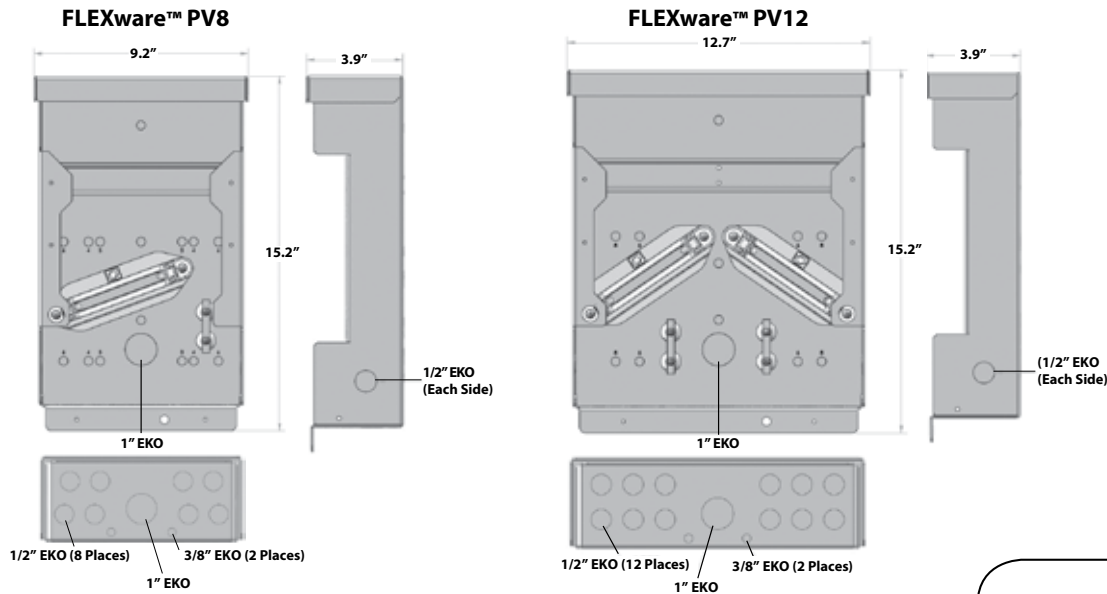
FLEXware PV Combiner Box Specifications

	FWPV-8	FWPV-12
Enclosure Material	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)	Vertical wall mount, pole mount or sloped roof mount to 14 degrees incline (3 in 12 roof pitch)
Enclosure Rating	Outdoor Rainproof, NEMA 3R	Outdoor Rainproof, NEMA 3R
Enclosure Security	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
Output Terminals	#14 - 2/0 AWG (2.08-67.4 mm^2) Two box lug terminals included	#14 - 2/0 AWG (2.08-67.4 mm^2) Two box lug terminals included
Number of Separate Circuits	One Circuit	One or Two Circuits
Number of 150VDC Breakers	Up to 8	Up to 12 (two groups of six)
Number of 600VDC Fuse Holders	Up to 6	Up to 8 (two groups of four)
Input Terminal	150VDC Breakers / #14 -6 AWG (2.08 - 13.3 mm^2)	150VDC Breakers / #14 -16 AWG (2.08 - 13.3 mm^2)
Certifications	ETL Listed to UL1741, UL67, CSA22.2 #29	ETL Listed to UL1741, UL67, CSA22.2 #29
Weight (lbs/kg) Unit	4.4 / 2.0	5.9 / 2.7
Shipping	5.5 / 2.5	7.4 / 3.3
Dimensions H x W x L (in/cm) Unit	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
Shipping	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

FLEXware™ PV8

9.2"   3.9"   15.2"

1/2" EKO (Each Side)
1" EKO
1/2" EKO (8 Places)
3/8" EKO (2 Places)
1" EKO

FLEXware™ PV12

12.7"   3.9"   15.2"

(1/2" EKO (Each Side)
1" EKO
1/2" EKO (12 Places)
3/8" EKO (2 Places)
1" EKO

Available From:

OutBack POWER™
member of The alpha Group™