



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 | | |

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