

XW Power Distribution Panel

The XW Power Distribution Panel (PDP) provides an easy to install DC and AC power distribution cabinet compatible with the Conext XW series inverters. The PDP can be used for managing power distribution for up to three XW inverters, MPPT Charge Controllers, the battery, and a generator.

The PDP is designed for easy installation and flexibility:

- Includes a main 250 A DC breaker for the battery
- Available with or without AC breakers for AC input, Bypass, and AC Out (load)
- Breaker expansion positions on DC side for solar charge controllers and additional battery disconnects/breakers and AC side for additional inverters, generator or AC coupled PV inverter
- Compatible with up to three XW inverters
- Provision for mounting surge arresters e.g. Square D SDSA1175, Square D SDSA3650
- Extremely flexible Arctic Ultraflex Blue™ wiring for direct connection to the XW inverter as described in the specifications
- Split phase, single phase, and three phase applications
- Mount on either side of the XW inverter, multiple conduit knockouts and a field reversable door
- Mounts flush beside Conext 600V MPPT Charge Controllers. Includes mounting provisions for two MPPT 60 150 Charge Controllers on the side
- Saves installation time with factory installed, ready to connect wiring
- Includes a Conduit Box and mounting plate for seamless integration with XW inverters



	XW PDP with AC Breakers	XW PDP without AC Breakers
Part number	865-1015-01	865-1014-01
Standards	UL	UL / IEC
AC Distribution		
Included breakers	Three 60 A, 120/240 Vac, two-pole, Square D QOU260 AC breakers for AC input, bypass and AC load (factory-installed)	Breakers not included. Refer to compatible breaker accessories.
Mounting	DIN rail (35 mm)	DIN rail (35 mm)
Breaker expansion positions	Six expansion positions	Nine 2-pole expansions (QOU breakers)
AC wiring	Factory installed and labeled Arctic Ultraflex Blue™ wiring, including five #6 AWG AC cables for AC connections: L1, L2, Neutral	AC wiring not included
DC Distribution		
Included breakers	One GJ 250A 160 Vdc DC, 3/8" stud breaker installed	
Mounting	Panel mounted	
Breaker expansion positions	Two expansion positions for battery 250A DC breakers Eight expansion positions for charge controller DC breakers	
DC wiring	One pair of Arctic Ultraflex Blue™ #4/0 AWG battery cables	
General Specifications		
Wiring connections	Termination lugs for ground, AC neutral and DC bus bar for battery connection	
Enclosure	Indoor rated, field-reversible panel door. A wall mount bracket is included, as well as an XW Conduit box for wiring to the XW terminals.	
Product dimensions (H x W x D)	76.1 x 40.6 x 21.0 cm (30.0 x 16.0 x 8.3 in)	
Shipping dimensions (H x W x D)	122.0 x 53.3 x 34.3 cm (48.0 x 21.0 x 13.5 in)	
Shipping weight	30.5 kg (67.2 lb)	