

# Save time and money installing and integrating the XW+ system

Conext™ XW+ Power Distribution Panel



Conext™ XW+ Power Distribution Panels (XW+ PDP and Mini PDP) are factory-wired and labeled to support the integration of multiple Conext XW+ inverter/chargers and Conext MPPT Solar Charge Controllers with a single battery bank. The XW+ PDP and Mini PDP ships with breakers, bus bars and cables to install a single XW+ inverter/charger. With space to add wiring and breakers, a single XW+ PDP and Mini PDP supports one XW+ inverter/charger, a diesel generator and either a MPPT 80 600 or MPPT 60 150 Solar Charge Controller. The XW+ PDP and Mini PDP supports single-phase, split phase, or three-phase installations. A field-reversible door and multiple conduit knockout entry points allow for the XW+ PDP and Mini PDP enclosure to be mounted and configured on either side of the inverter/charger.

XW+ Power Distribution Panels are designed to save significant time and money during installation, when compared to custom solutions. A mounting bracket and Conext XW+ Conduit Box are also supplied with each XW+ PDP and Mini PDP.

## Why choose the Conext XW+ Power Distribution Panel?



### Higher return on investment

- Integrate multiple XW+ inverter/chargers and MPPT Solar Charge Controllers with a single battery bank
- Repeatable standard installation that saves time and money



### Flexible

- Single-phase, split-phase or three phase systems
- Multiple field configurable conduit entry points on the back, bottom, top and sides
- DIN Rail mounting for QOU type and Multi-9 AC breakers



### Easy to service

- Breaker configuration allows XW+ inverter/chargers to be AC bypassed for servicing
- Field-reversible door panel allows for visual inspection



### Easy to install

- Wall mount with included bracket
- Add additional XW+ inverter/chargers with Conext XW+ connection kit

# Technical Specifications

## Conext XW+ PDP, Mini PDP and accessories

Device short name	XW+ Mini PDP
Product dimensions (H x W x D)	47.0 x 40.6 x 22.5 cm (18.5 x 16 x 8.9 in) *24.9" door swing clearance, measured from back of unit.
Shipping dimensions (H x W x D)	53.5 x 56.5 x 33 cm (21.0 x 28.6 x 13.0 in)
Shipping weight	13 kg (28.2 lb)
Product number	865-1013-01
Included	XW+ Mini-PDP enclosure with a field-reversible panel door and integrated wall mounting bracket Three 60 A, 120/240 Vac, two-pole, Square-D QOU260, DIN-rail mounted AC breakers for AC input, bypass and AC load (factory-installed), plus one additional expansion position for two pole AC breaker, type QOU260. Mini-PDP AC Cabling is pre-wired/pre-measured for easy installation to XW+ unit. One GJ 250A 160 Vdc DC breaker installed Two expansion positions for charge controller DC breakers (PV array or battery) Termination lugs for ground, common and battery connections Integrated DC busbars for direct connection to XW+ DC terminals. 3/8" hardware for connection of DC cables to busbars Cable ties for cable management Quick start guide, additional breaker labels, document holder Plastic knockout bushings for connection between Mini-PDP and XW/XW+ unit. Sized for easy cable installation and management
Device short name	XW Power Distribution Panel
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)
Product number	865-1015-01
Included	XW+ PDP enclosure with a field-reversible panel door, includes wall mount bracket, and XW+ Conduit Box Three 60 A, 120/240 Vac, two-pole, Square-D, type QOU, DIN-rail mounted AC breakers for AC input, bypass and AC load (factory-installed), plus five AC breaker expansion positions One GJ 250A 160 Vdc, 3/8" stud DC breaker installed, plus two expansion positions Eight expansion positions for charge controller DC breakers (Note: XW+ supports up to four MPPT 80 600 or four MPPT 60 150 charge controllers) One ground terminal bus bar, one neutral terminal bus bar and one battery negative terminal bus bar One pair #4/0 AWG Arctic Ultraflex Blue™ battery cables (factory installed and labeled, ready to connect) #6 AWG Arctic Ultraflex Blue™ AC wiring (factory installed and labeled, ready to connect) XW+ Power Distribution Panel (without AC breakers)
Device short name	XW+ Conduit Box
Product number	865-1014-01
Included	Same as XW+ PDP (865-1015-01), but does not include any AC breakers
Device short name	XW+ Installation Kit for INV2 INV 3 PDP
Product dimensions (H x W x D)	22.9 x 40.6 x 21.0 cm (8.5 x 16.0 x 8.3 in)
Shipping dimensions (H x W x D)	44.5 x 33.3 x 30.5 cm (17.5 x 13.0 x 12.0 in)
Shipping weight	10.5 kg (23.1 lb)
Product number	865-1020-01
Included	XW+ Conduit Box and AC Sync and Xanbus™ cables #6 AWG AC wiring to connect the inverter to the AC breakers One GJ 250A 160 Vdc, 3/8" stud DC breaker, one bus bar for DC positive and one pair #4/0 AWG battery cables
Device short name	XW+ Conduit Box
Product dimensions (H x W x D)	22.9 x 40.6 x 21.0 cm (8.5 x 16.0 x 8.3 in)
Shipping dimensions (H x W x D)	44.5 x 33.0 x 30.5 cm (17.5 x 13.0 x 12.0 in)
Shipping weight	4.6 kg (10.0 lb)
Product number	865-1025-01
Included	XW+ Conduit Box
Device short name	Conext 120/240VAC Breaker Kit for Conext XW+ PDP
Usage	XW+ PDP for additional XW+ inverter chargers, single-phase/split-phase
Product number	865-1215-01
Device short name	Conext three-phase Breaker Kit for Conext XW+ PDP
Usage	XW+ PDP for additional XW+ inverter chargers, three-phase
Product number	865-1315-01
Device short name	100A, 125VDC Breaker Master Pack (12 units)
Usage	XW+ PDP for MPPT 80 600 output, battery side
Product number	865-1080
Device short name	80A, 125VDC Breaker Master Pack (12 units)
Usage	XW+ PDP for MPPT 60 150 output, battery side
Product number	865-1070
Device short name	60A, 160VDC Breaker Master Pack (48 units)
Usage	XW+ PDP for MPPT 60 150 input, PV array side
Product number	865-1075
Device short name	250A, 160VDC Breaker Master Pack (6 units)
Usage	XW+ PDP for inverter charger connection to battery
Product number	865-1065
Compatible products	
Conext XW+ (230V)	XW+ 7048 E product no. 865-7048-61, XW+ 8548 E product no. 865-8548-61
Conext XW+ (120/240V)	XW+ 5548 NA product no. 865-5548-01, XW+ 6848 N product no. 865-6848-01
Conext MPPT 60 150	Product no. 865-1030-1
Conext MPPT 80 600	Product no. 865-1032
Conext Configuration Tool	Product no. 865-1155-01

Specifications are subject to change without notice.