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)
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 wiring 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)
- Cable ties for cable management
- Quick start guide, additional breaker labels, document holder

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
- Eight expansion positions for charge controller DC breakers
- 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)

Device short name: XW+ Power Distribution Panel (without AC breakers)
Product number: 865-1014-01
Included:
- XW+ Conduit Box and AC Sync and Xanbus™ cables
- #6 AWG AC wiring to connect the inverter to the AC breakers

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
Included:
- Three 60A, 120/240 Vac, two-pole, Square-D, type QOU, DIN-rail mountable AC breakers, jumpers, bypass interlock

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
Included:
- Three 60A, 120/240 Vac, two-pole, Square-D, type QOU, DIN-rail mountable AC breakers, jumpers, bypass interlock

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

Specifications are subject to change without notice.