

# Conext XW+ Power Distribution Panel

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

The Conext™ XW+ Power Distribution Panel (XW+ PDP) is 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 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 supports one to three XW+ inverter/chargers, a diesel generator and either four MPPT 80 600 or four MPPT 60 150 Solar Charge Controllers. The XW+ 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 enclosure to be mounted and configured on either side of the inverter/charger.

The XW+ Power Distribution Panel is 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.

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



#### True bankability

- Warranty from a trusted partner with 178 years of experience
- World leader in industrial power drives, UPS and electrical distribution
- Strong service infrastructure worldwide to support your global needs



#### 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
- Configure to the left or right side of the XW+ inverter/chargers
- 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



XW+ Power Distribution Panel



XW+ Installation Kit for INV 2 INV 3 PDP



XW+ Conduit Box

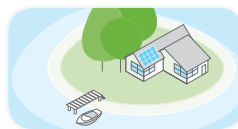
### Product applications



Backup power



Residential grid-tie solar with backup power



off-grid solar



Community electrification



Self-consumption

<b>Device short name</b>	<b>XW+ Power Distribution Panel</b>
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
<b>Included</b>	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 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)
<b>Device short name</b>	<b>XW+ Power Distribution Panel (without AC breakers)</b>
Product number	865-1014-01
<b>Included</b>	Same as XW+ PDP (865-1015-01), but does not include any AC breakers
<b>Device short name</b>	<b>XW+ Installation Kit for INV 2 INV 3 PDP</b>
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
<b>Included</b>	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
<b>Device short name</b>	<b>XW+ Conduit Box</b>
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
<b>Included</b>	XW+ Conduit Box
<b>Device short name</b>	<b>Conext 120/240VAC Breaker Kit for Conext XW+ PDP</b>
Usage	XW+ PDP for additional XW+ inverter chargers, single-phase/spit-phase
Product number	865-1215-01
<b>Included</b>	Three 60 A, 120/240 Vac, two-pole, Square-D, type QOU, DIN-rail mountable AC breakers, jumpers, bypass interlock
<b>Device short name</b>	<b>Conext three-phase Breaker Kit for Conext XW+ PDP</b>
Usage	XW+ PDP for additional XW+ inverter chargers, three-phase
Product number	865-1315-01
<b>Included</b>	Three 60 A, 120/208 Vac, three-pole, Square-D, type QOU, DIN-rail mountable AC breakers, jumpers, bypass interlock
<b>Device short name</b>	<b>100A, 125VDC Breaker Master Pack (12 units)</b>
Usage	XW+ PDP for MPPT 80 600 output, battery side
Product number	865-1080
<b>Device short name</b>	<b>80A, 125VDC Breaker Master Pack (12 units)</b>
Usage	XW+ PDP for MPPT 60 150 output, battery side
Product number	865-1070
<b>Device short name</b>	<b>60A, 160VDC Breaker Master Pack (48 units)</b>
Usage	XW+ PDP for MPPT 60 150 input, PV array side
Product number	865-1075
<b>Device short name</b>	<b>250A, 160VDC Breaker Master Pack (6 units)</b>
Usage	XW+ PDP for inverter charger connection to battery
Product number	865-1065

Specifications are subject to change without notice.

**Conext XW+ Power Distribution Panel and accessories work with the following Schneider Electric products**



**Conext XW+ inverter/charger**  
XW+ 5548 NA Product no. 865-5548-01  
XW+ 6848 NA Product no. 865-6848-01  
XW+ 7048 E Product no. 865-7048-61  
XW+ 8548 E Product no. 865-8548-61



**Conext MPPT 60 150 solar charge controller**  
Product no. 865-1030-1



**Conext MPPT 80 600 solar charge controller**  
Product no. 865-1032