

Save time and money installing and integrating XW system

Conext™ XW Power Distribution Panel

The Conext XW Power Distribution Panel (XW PDP) is factory-wired and labeled to support the integration of multiple Conext XW inverterchargers 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 invertercharger. With space to add wiring and breakers a single XW PDP supports one to three XW inverterchargers, a diesel generator and either four MPPT 80 600 or six 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 invertercharger.

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.



XW Power Distribution Panel



XW Connection Kit
for INV2



XW Conduit Box





Mini PDP


Conext Distribution Panel


Save time and money installing and integrating XW system


Why choose Conext XW Power Distribution Panel?

-  True bankability
 - Warranty from a trusted partner with over 177 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

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

-  Easy to install
 - Simple wall mount with included bracket
 - Add additional XW inverter chargers with Conext XW Inverter Charger Install Kit connection kit



XW Power Distribution Panel



XW Connection Kit for INV2



XW Conduit Box



Mini PDP

Product applications

- Residential, backup power and grid-tie
- Small commercial, backup power and grid-tie
- Off-grid solar
- Community electrification

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



Conext XW inverter/charger
 (230 V/50 Hz)
 XW 4024 Product no. 865-1045-61
 XW 4548 Product no. 865-1040-61
 XW 6048 Product no. 865-1035-61
 (120/240 V/60 Hz)
 XW 4024 Product no. 865-1010
 XW 4548 Product no. 865-1005
 XW 6048 Product no. 865-1000-01



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



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

Technical Specifications

Conext XW PDP and accessories

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
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 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 Connection Kit for INV2
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
Included	XW Conduit Box and AC Sync and Xanbus™ cables Custom designed bypass interlock plate, #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 Three 60 A, 120/240 Vac, two-pole, Square-D, type QOU, DIN-rail mounted AC breakers
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
Included	XW Conduit Box
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.

Specifications are subject to change without notice.

Exclusion for Documentation

Unless specifically agreed to in writing, seller (a) makes no warranty as to the accuracy, sufficiency or suitability of any technical or other information provided in its manuals or other documentation; (b) assumes no responsibility or liability for losses, damages, costs or expenses, whether special, direct, indirect, consequential or incidental, which might arise out of the use of such information. The use of any such information will be entirely at the user's risk; and (c) reminds you that if this manual is in any language other than english, although steps have been taken to maintain the accuracy of the translation, the accuracy cannot be guaranteed. Approved content is contained with the English language version which is posted at <http://solarschneider-electric.com>