Conext SW Power Distribution Panels

Save time and money installing, and integrating SW system



Product at a glance

The Conext™ SW Power Distribution Panels are pre-wired out of the box and labeled to support the integration of Conext SW inverter/chargers with a Conext MPPT Solar Charge Controller, battery bank and load centers. Designed to save installers significant time, effort and costs on every installation, the Distribution Panels offer excellent value when compared to customized options.

The solution set includes a DC distribution panel complete with a pre-installed 250 A DC breaker and additional breaker slots for integrating multiple DC power sources. AC distribution panels are also available for 120/240 VAC and 230 VAC requirements, pre-installed with multiple AC breakers for integrating AC power sources and loads. Each AC panel also supports the integration of fuel-based generators providing a central load center for managing an installation's AC power needs.

Higher return on investment

Product applications

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

PV power plants centralized Commercial grid-tie centralized

Flexible

- Additional DC and AC breaker slots available for expanded capacity
- Key holes available on side of DC panel for integrating MPPT60 Solar Charge Controller
- Use AC distribution panels as optional load centers

Easy to service

- Breaker configuration allows SW inverter/chargers to be AC bypassed for servicing
- Removable front cover allows for visual inspection

Easy to install

- Wall mount AC distribution panels can be installed directly above or underneath the SW inverter/charger
- Add additional SW inverter/chargers with Conext SW inverter/charger stacking kit

Device short name	SW DC Distribution Panel
Product dimensions (H x W x D)	42.1 x 24.0 x 20.0 cm (16.57 × 9.45 × 7.87 in)
Shipping dimensions (H x W x D)	47.5 x 29.7 x 26.0 cm (18.7 × 11.7 × 10.24 in)
Shipping weight	9.0 kg (20.0 lb)
Product number	865-1016
Included	1 x Distribution Panel Box
	1 x Distribution Panel Cover
	1x 250-amp DC Breaker (pre-installed)
	1x Positive copper bus bar (pre-installed)
	1x Negative copper bus bar (pre-installed)
	1 x Mounting bracket
	Expansion positions available for 2 x DC breakers
Device short name	SW AC Distribution Panel (120/240 VAC)
Product dimensions (H x W x D)	52.0 x 20.0 x 20.0 cm (20.5 × 7.9 × 7.9 in)
Shipping dimensions (H x W x D)	58.5 x 36.3 x 26.0 cm (23.0 × 14.3 × 10.24 in)
Shipping weight	11.0 kg (24.2 lb)
Product number	865-1017
Included	1 x Distribution Panel Box
	1 x Distribution Panel Cover
	2 x Double-pole 30-amp AC Breaker (bundled)
	1 x Double-pole 60-amp AC Breaker
	4 x Jumper Bar (pre-installed)
	1 x Handle Interlock Device (pre-installed)
	6 x 10 AWG AC Wire (black, pre-wired)
	2 x 10 AWG AC Wire (red, pre-wired)
	1 x 10 AWG AC Wire (white, pre-wired)
	1 x 12 AWG Ground Wire (green, pre-wired)
	4 x Terminal buses (one each - L1, L2, Ground, Neutral)
	1 x DIN Rail
	Expansion positions available for up to 8 x single pole AC breakers or 4 x double pole AC breakers
Device short name	SW AC Distribution Panel (230 VAC)
Product dimensions (H x W x D)	26.7 x 20.0 x 11.2 cm (10.5 × 7.9 × 4.4 in)
Shipping dimensions (H x W x D)	82.5.0 x 26.5 x 17.5 cm (32.5 × 10.43 × 6.9 in)
Shipping weight	2.3 kg (5 lb)
Product number	865-1017-61
Included	1 x Distribution Panel Box
	1 x Distribution Panel Cover
	3 x Single-pole 30-amp AC Breaker (bundled)
	1 x Handle Interlock Device (pre-installed)
	2 x 10 AWG AC Wire (brown, pre-wired)
	1 x 10 AWG AC Wire (blue, pre-wired)
	1 x 12 AWG Ground Wire (green/yellow, pre-wired)
	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire
	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire 1 x DIN Rail
Compatible products	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire
Compatible products	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire 1 x DIN Rail Expansion positions available for up to 8 x single pole AC breakers
Compatible products Conext SW (230 V)	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire 1 x DIN Rail Expansion positions available for up to 8 x single pole AC breakers SW 2524 product no. 865-2524-61
	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire 1 x DIN Rail Expansion positions available for up to 8 x single pole AC breakers SW 2524 product no. 865-2524-61 SW 4024 product no. 865-4024-61
Conext SW (230 V)	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire 1 x DIN Rail Expansion positions available for up to 8 x single pole AC breakers SW 2524 product no. 865-2524-61 SW 4024 product no. 865-4024-61 SW 4048 product no. 865-4048-61
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Conext SW (230 V)	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire 1 x DIN Rail Expansion positions available for up to 8 x single pole AC breakers SW 2524 product no. 865-2524-61 SW 4024 product no. 865-4024-61 SW 4048 product no. 865-4048-61 SW 2524 product no. 865-2524 SW 4024 product no. 865-4024
Conext SW (230 V) Conext SW (120 V)	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire 1 x DIN Rail Expansion positions available for up to 8 x single pole AC breakers SW 2524 product no. 865-2524-61 SW 4024 product no. 865-4024-61 SW 4048 product no. 865-4048-61 SW 2524 product no. 865-2524 SW 4024 product no. 865-4024 SW 4048 product no. 865-4024 SW 4048 product no. 865-4048
Conext SW (230 V) Conext SW (120 V) Conext MPPT 60 150	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire 1 x DIN Rail Expansion positions available for up to 8 x single pole AC breakers SW 2524 product no. 865-2524-61 SW 4024 product no. 865-4024-61 SW 4048 product no. 865-4048-61 SW 2524 product no. 865-2524 SW 4024 product no. 865-4024 SW 4048 product no. 865-4024 SW 4048 product no. 865-4048 Product no. 865-1030-1
Conext SW (230 V) Conext SW (120 V) Conext MPPT 60 150 Conext System Control Panel	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire 1 x DIN Rail Expansion positions available for up to 8 x single pole AC breakers SW 2524 product no. 865-2524-61 SW 4024 product no. 865-4024-61 SW 4048 product no. 865-4048-61 SW 2524 product no. 865-2524 SW 4024 product no. 865-2524 SW 4024 product no. 865-4024 SW 4048 product no. 865-4024 SW 4048 product no. 865-1030-1 Product no. 865-1050
Conext SW (230 V) Conext SW (120 V) Conext MPPT 60 150	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire 1 x DIN Rail Expansion positions available for up to 8 x single pole AC breakers SW 2524 product no. 865-2524-61 SW 4024 product no. 865-4024-61 SW 4048 product no. 865-4048-61 SW 2524 product no. 865-2524 SW 4024 product no. 865-2524 SW 4024 product no. 865-4024 SW 4048 product no. 865-4024 SW 4048 product no. 865-1030-1 Product no. 865-1050 230 Vac product no. 865-1019-61
Conext SW (230 V) Conext SW (120 V) Conext MPPT 60 150 Conext System Control Panel	1 x 12 AWG Ground Wire (green/yellow, pre-wired) 2 x Copper jumper wire 1 x DIN Rail Expansion positions available for up to 8 x single pole AC breakers SW 2524 product no. 865-2524-61 SW 4024 product no. 865-4024-61 SW 4048 product no. 865-4048-61 SW 2524 product no. 865-2524 SW 4024 product no. 865-2524 SW 4024 product no. 865-4024 SW 4048 product no. 865-4024 SW 4048 product no. 865-1019 Product no. 865-1050 230 Vac product no. 865-1019-61 120/240 Vac product no. 865-1019

Specifications are subject to change without notice.

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