# 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.

### 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
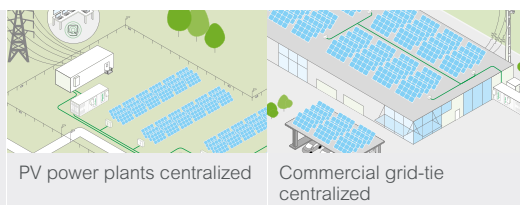- Removable front cover allows for visual inspection

### 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

### Higher return on investment

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

**Product applications**

PV power plants centralized

Commercial grid-tie centralized

| 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) |
| | 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) | SW 2524 product no. 865-2524-61 |
| | SW 4024 product no. 865-4024-61 |
| | SW 4048 product no. 865-4048-61 |
| Conext SW (120 V) | SW 2524 product no. 865-2524 |
| | SW 4024 product no. 865-4024 |
| | SW 4048 product no. 865-4048 |
| Conext MPPT 60 150 | Product no. 865-1030-1 |
| Conext System Control Panel | Product no. 865-1050 |
| Conext SW Stacking Kit | 230 Vac product no. 865-1019-61 |
| | 120/240 Vac product no. 865-1019 |
| Conext Portable Installation and Configuration Tool | Product no. 865-1155-01 |

Specifications are subject to change without notice.

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