

Grid-tie, off-grid solar and backup power solutions

For residential and commercial installations



Schneider
Electric

Smarter investment in photovoltaic solutions for all grid-tie, off-grid solar and backup installations



When it comes to grid-tie and off-grid and backup residential and commercial installations, Schneider Electric has both the experience and the proven technology to help make your investment a success.

Schneider Electric solutions for residential and commercial installations are specially designed by keeping your needs in mind. Our balance-of-system solutions include everything you need to efficiently distribute and manage locally generated solar energy, from the DC output to the AC grid connection.

Partnering with Schneider Electric gives you a higher return on investment and peace of mind

Broad portfolio

for your grid-tie and off-grid installations

Best in class

products

Global support

presence in 100+ countries

Superior technical

service



Schneider Electric is ranked among **Top 3 Most Competitive Inverter Companies** in the world according to GTM Research





Why choose **Schneider Electric's** solar products and solutions?



True bankability



Higher return on investment



Designed for reliability



Flexible

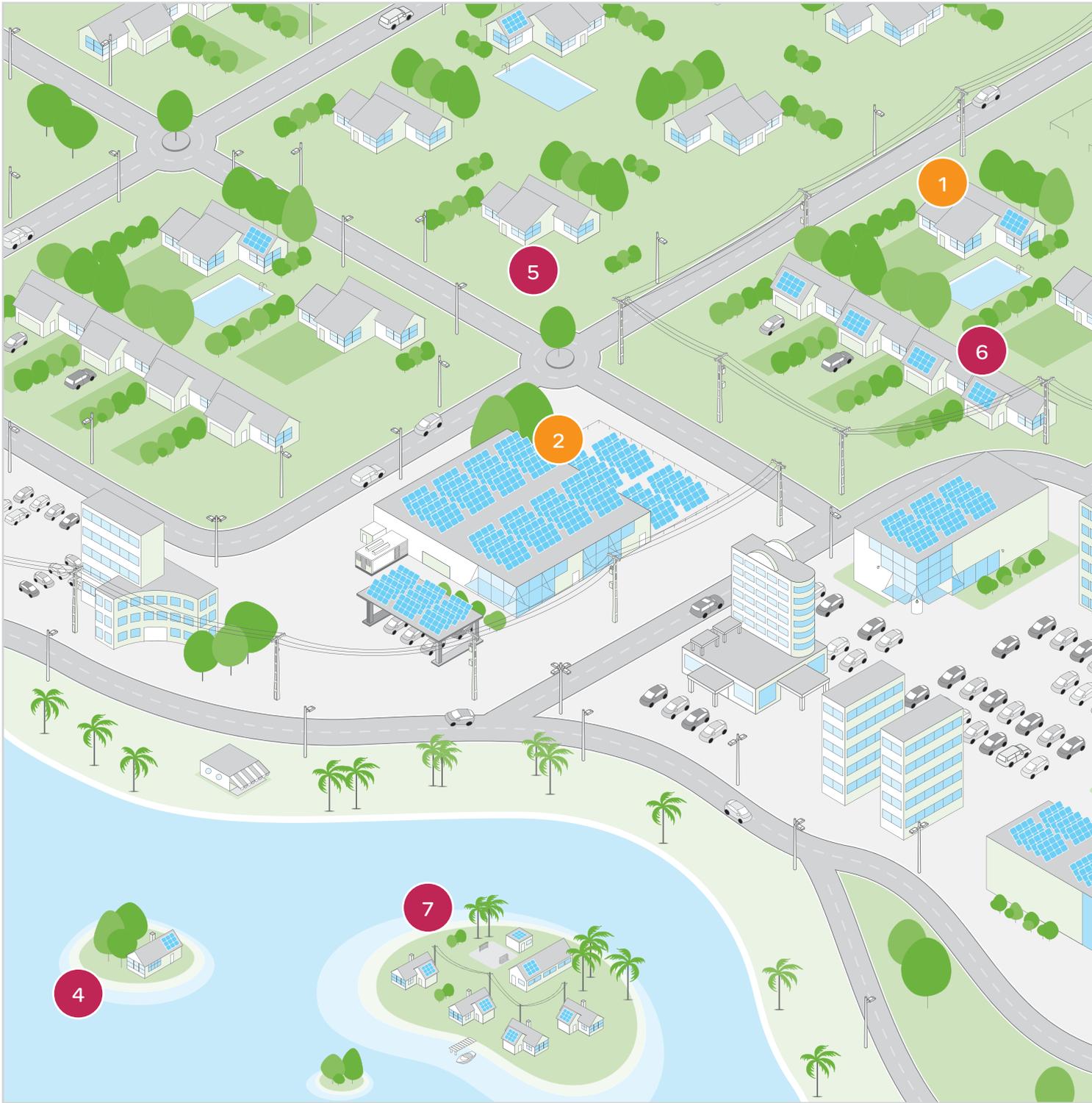


Easy to service



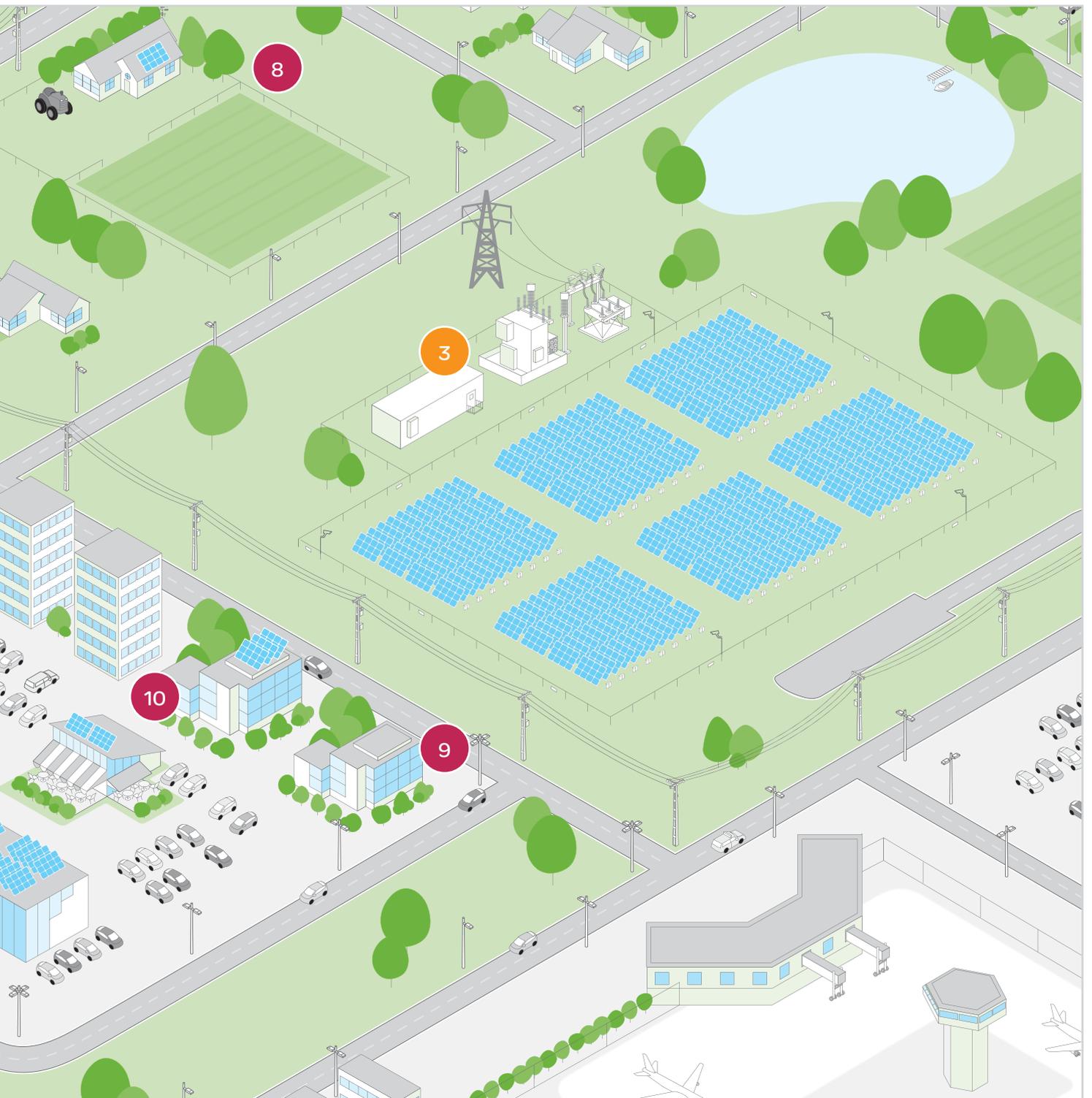
Easy to install

Solutions to cover all customer needs



Grid-tie residential and commercial building solutions

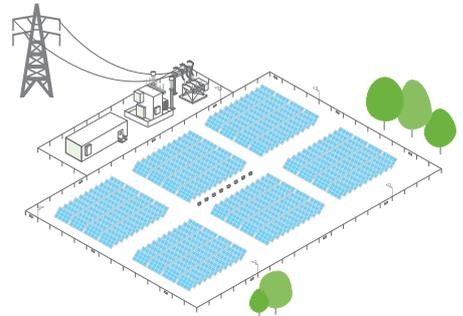
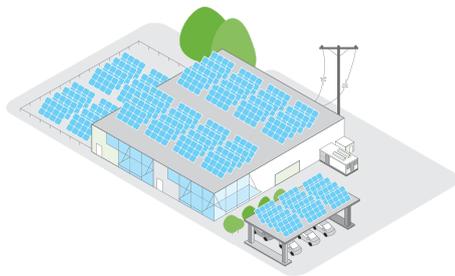
1. Residential buildings
2. Commercial buildings and carports
3. Decentralised PV plants



Off-grid solar and backup power solutions

- 4. Residential off-grid solar
- 5. Residential backup power
- 6. Residential grid-interactive solar with battery backup
- 7. Remote community electrification
- 8. Commercial off-grid solar
- 9. Commercial backup power
- 10. Commercial grid-interactive solar with battery backup

Unique portfolio of grid-tie, off-grid solar and backup power products



> Residential buildings

> Commercial buildings and carports

> Decentralised PV plants

1-phase grid-tie inverter



Conext RL
(3, 4, 5 kW)

Small 3-phase transformerless grid-tie inverters



Conext TL
(8, 10 kW)



Conext TL
(15, 20 kW)

Monitoring



Conext Monitor 20



Accessories



PV emergency box



DC box



AC box



AC distribution box



Circuit protectors and switches



> Residential off-grid solar and backup power

> Commercial off-grid solar and backup power

> Remote community electrification

Inverters/chargers and charge controllers



Conext SW
(2.5, 4 kW)



Conext XW
(4, 4.5, 6 kW)



MPPT 80 600



MPPT 60 150



C12/C60

Accessories



Universal DC Breaker Panel



AC Breaker Panel (120 / 240 V)



AC Breaker Panel (230 V)



System Control Panel (SCP)



Automatic Generator Start (AGS)



XW Power Distribution Panel (PDP)

Monitoring



Conext ComBox



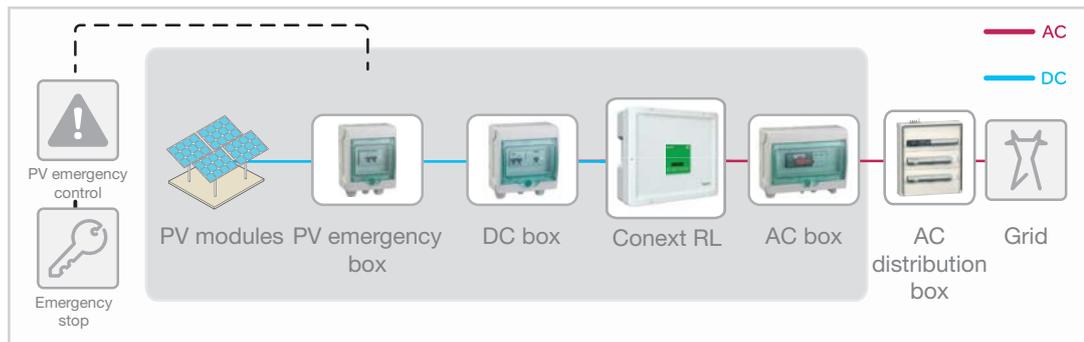


Grenoble, France
Commercial rooftop
50 kWp

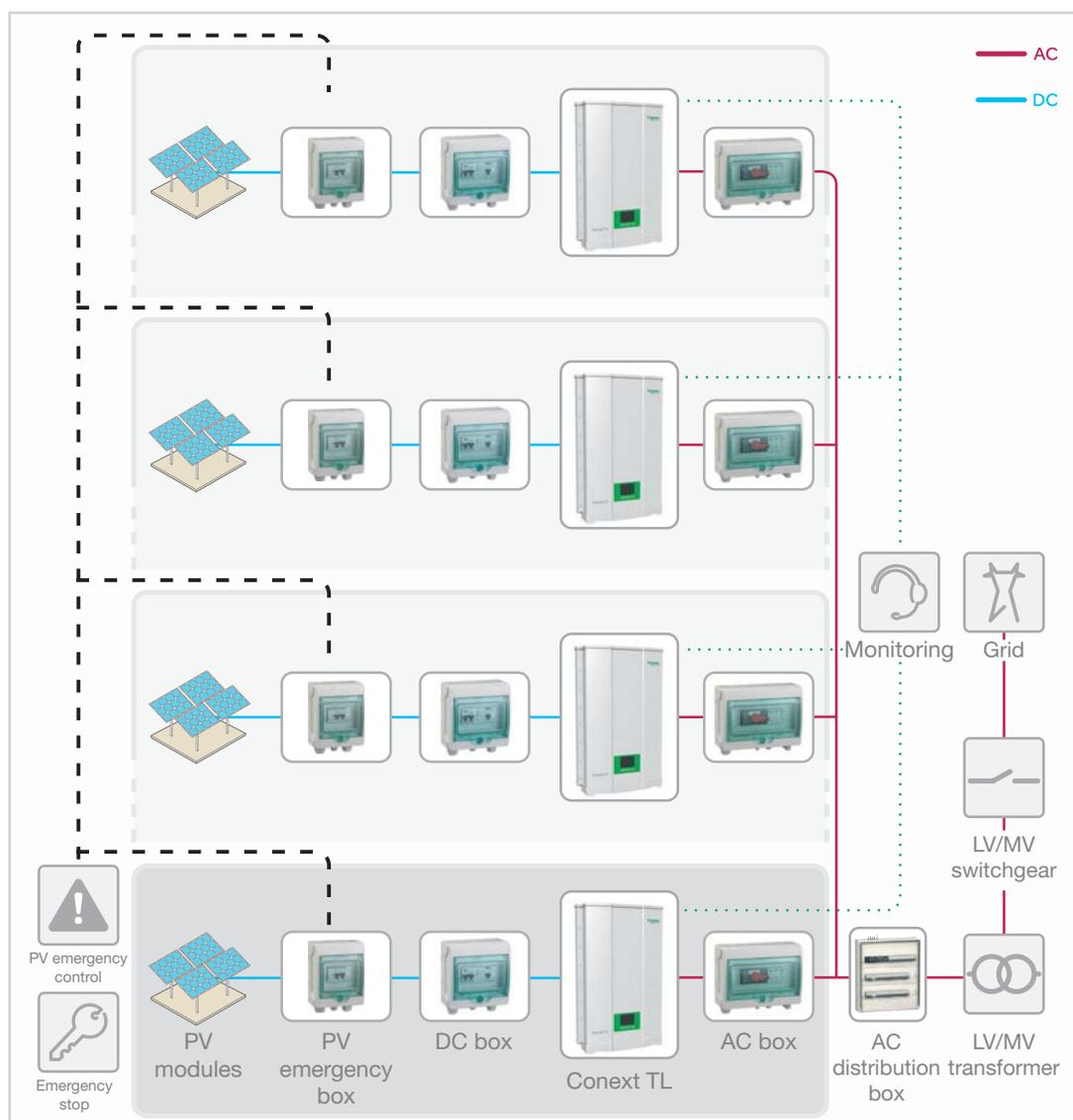
Designing your grid-tie residential and commercial solar solutions

Schneider Electric solutions for grid-tie residential and commercial building applications include everything you need from the DC output to the grid connection.

Residential solar solution using Conext RL



Commercial buildings and decentralised PV plants solutions using Conext TL



Using Conext TL inverters in a decentralised PV architecture, the PV array is broken up into smaller sub-arrays, each with its own small power string inverters.

Conext RL single-phase grid-tie inverter

Flexible and efficient residential solar solution

The Schneider Electric Conext™ RL inverters are specially designed to maximize yields for a wide range of rooftops of detached houses and multiple dwellings. The rich MPPT features, high energy efficiency, partial shading algorithm and a wide temperature and voltage operating range enables you to maximize your ROI. Backed by Schneider Electric's global service infrastructure and expertise in energy management, the Conext RL series are the inverters you can trust for quality and reliability.

Why choose Conext RL?



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

- Best in class conversion efficiency: 97.5% peak efficiency
- Broad operating range to harvest more energy (early mornings and late afternoons)
- Higher ROI with dual MPPT
- Shade tolerant MPPT algorithm designed to minimize the effect of partial shading on the energy output



Designed for reliability

- Robust design through rigorous Multiple Environmental Over Stress Testing (MEOST) and Temperature Humidity Bias (THB)
- IP65 compliant rugged, completely sealed unit to stand the harshest environmental conditions



Flexible

- Dual MPPTs with wide MPPT voltage range (160-500V*) to support multiple roof orientations
- Ability to support unbalanced arrays
- Local as well as remote monitoring options available to track PV plant performance



Easy to service

- No moving parts (e.g. fans) for low maintenance and increased uptime
- Easily replaceable communication card
- Integrated DC switch (optional)



Easy to install

- Compact unit that allows easy and fast mounting with included bracket
- Pluggable AC and DC connectors (MC4)
- Auto country/multilingual configurations



Available in 3, 4 and 5 kW

Product applications



Flat roofs



Multiple pitched roofs



Partial shading



Odd number of modules



Different orientation roofs
(East – West)

* Full power MPPT voltage range for RL 3000E: 160-500V; RL 4000E/5000E: 180-500V

| Device short name | RL 3000 E | RL 4000 E | RL 5000 E* |
|---|---|--|--|
| Electrical specifications | | | |
| Input (DC) | | | |
| MPPT voltage range, full power | 160 - 500 V | 180 - 500 V | 180 - 500 V |
| Operating voltage range | 90 - 550 V | 90 - 550 V | 90 - 550 V |
| Starting voltage | 100 V | 100 V | 100 V |
| Max. input voltage, open circuit | 550 V | 550 V | 550 V |
| Number of MPPT | 2 | 2 | 2 |
| Max. input current per MPPT | 10 A | 12 A | 18 A |
| Max. short circuit current per MPPT | 13.9 A | 16.7 A | 25.0 A |
| Nominal input power for max. output | 3.2 kW | 4.2 kW | 5.3 kW |
| Max. DC input power per MPPT | 3.2 kW | 3.2 kW | 3.5 kW |
| DC connection type | MC4, 2 pairs (1+1) | MC4, 4 pairs (2+2) | MC4, 4 pairs (2+2) |
| DC switch | Integrated (optional) | Integrated (optional) | Integrated (optional) |
| Output (AC) | | | |
| Nominal output power | 3 kVA | 4 kVA | 5 kVA |
| Nominal output voltage | 230 V, single-phase | 230 V, single-phase | 230 V, single-phase |
| Isolation | Transformerless | Transformerless | Transformerless |
| AC voltage range | 184 V - 276 V | 184 V - 276 V | 184 V - 276 V |
| Frequency | 50 / 60 Hz | 50 / 60 Hz | 50 / 60 Hz |
| Frequency range | 50 / 60 Hz +/- 5 Hz | 50 / 60 Hz +/- 5 Hz | 50 / 60 Hz +/- 5 Hz |
| Max. output current | 13.9 A | 18.2 A | 23.2 A |
| Total harmonic distortion | <3 % | <3 % | <3 % |
| Power factor (adjustable) | 0.8 lead to 0.8 lag | 0.8 lead to 0.8 lag | 0.8 lead to 0.8 lag |
| AC connection type | IP67 connector | IP67 connector | IP67 connector |
| Efficiency | | | |
| Peak | 97.5% | 97.5% | 97.5% |
| European | 97.0% | 97.0% | 97.0% |
| General specifications | | | |
| Power consumption, night time | <1 W | <1 W | <1 W |
| IP degree of protection | IP65 (electronics and balance) | IP65 (electronics and balance) | IP65 (electronics and balance) |
| Climatic category (per IEC 60721-3-4) | 4K4H | 4K4H | 4K4H |
| Cooling | Natural convection | Natural convection | Natural convection |
| Enclosure material | Aluminium | Aluminium | Aluminium |
| Product weight | 20.0 kg (44.1 lb) | 21.0 kg (46.3 lb) | 24.0 kg (52.9 lb) |
| Shipping weight | 25.0 kg (55.1 lb) | 25.0 kg (55.1 lb) | 30.0 kg (66.1 lb) |
| Product dimensions (H x W x D) | 42.0 x 48.0 x 16.0 cm (16.5 x 18.9 x 6.3 in) | 42.0 x 48.0 x 16.0 cm (16.5 x 18.9 x 6.3 in) | 44.5 x 51.0 x 17.7 cm (17.5 x 20.1 x 7.0 in) |
| Shipping dimensions (H x W x D) | 50.5 x 59.5 x 29.5 cm (19.9 x 23.4 x 11.6 in) | 50.5 x 59.5 x 29.5 cm (19.9 x 23.4 x 11.6 in) | 56.6 x 61.9 x 33.1 cm (22.3 x 24.4 x 13.0 in) |
| Ambient air temperature for operation | -20 to 65°C (-4°F to 149°F)** | -20 to 65°C (-4°F to 149°F)** | -20 to 65°C (-4°F to 149°F)** |
| Operating altitude | Up to 2000 m | Up to 2000 m | Up to 2000 m |
| Relative humidity | 4 - 100% condensing | 4 - 100% condensing | 4 - 100% condensing |
| Noise emission (at 1 m distance) | <40 dbA | <40 dbA | <40 dbA |
| Features and options | | | |
| Embedded data logger | 365 days | | |
| Display | LCD 2 -line 16 digits, 2 Buttons | | |
| Communication interface standard/optional | RS 485, MODBUS / Ethernet (with built-in web server) | | |
| Multifunction relay | Yes | | |
| Warranty in years standard/optional | 5 / 10 | | |
| Regulatory approvals | | | |
| Electrical safety | CE marked for the Low Voltage Directive EN / IEC 62109-1 EN / IEC 62109-2, AS3100/AS5033 | | |
| Grid interconnection | VDE-AR-N 4105, RD1699, CEI 0-21, G59/2, G83/1, UTE C15-712-1, AS4777, VDE 0126, EN50438, IEC 62116, IEC 61727 | | |
| Environmental | RoHS, REACH | | |
| EMC | CE marked for the EMC directive 2004-108-EC Emissions: EN 61000-6-3 (residential) Immunity: EN 61000-6-2 (industrial) | | |
| Available product variants | | | |
| Standard | PVSNVC3000 (RL 3000 E) | PVSNVC4000 (RL 4000 E) | PVSNVC5000 (RL 5000 E) |
| With integrated DC switch | PVSNVC3000S (RL 3000 E-S) | PVSNVC4000S (RL 4000 E-S) | PVSNVC5000S (RL 5000 E-S) |
| Monitoring accessories | | | |
| Local monitoring | Ethernet card (PVSCMC1105) | | |
| Remote monitoring | Conext Monitor 20 (PVSCMC1120) | | |

Specifications are subject to change without notice. *4.6 kW for Germany. **-20°C cold start temperature.

Conext TL three-phase grid-tie inverters

Ideal solution for commercial buildings, carports and decentralised power plants

The new Conext™ TL 8, 10, 15 kW and TL 20 kW grid-tie solar inverters are suited for outdoor use and are the ideal solution for commercial buildings, carports and decentralised PV plants up to the MW range. The inverters provide dual MPPT (Maximum Power Point) trackers with a wide voltage range, peak efficiency of greater than 98% for fast ROI. The embedded Modbus communication card allows connectivity with a large range of Schneider Electric products, as well as the option to easily add third party monitoring solutions. Backed by Schneider Electric's global service infrastructure and its expertise in energy management, the Conext TL series are the inverters you can trust for quality and reliability.

Why choose Conext TL?



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

- High conversion efficiency: >98% peak efficiency
- Broad operating range to harvest more energy (early mornings and late afternoons)
- Higher ROI with dual MPPT
- Great value for money: DC switch, AC connectors and RS485 ports are included



Designed for reliability

- Robust design through rigorous Multiple Environmental Over Stress Testing (MEOST) and Temperature Humidity Bias (THB)
- IP65 compliant rugged, completely sealed unit to stand the harshest environmental conditions
- Design and qualified for applications in tropical environments through conformal coating and salt fog testing



Flexible

- Wide MPPT voltage range (350 - 850 V)
- Modular system designs using a combination of models
- Easy to connect to third party monitoring solutions



Easy to service

- Easily replaceable fan block and communications card
- Integrated DC switch
- Ability to remotely disable



Easy to install

- Easy and fast mounting with included bracket
- Pluggable AC and DC Connectors (MC4)
- Auto country/multilingual configurations



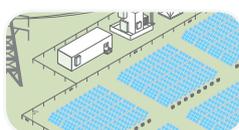
Available in
15 and 20 kW

Available in
8 and 10 kW

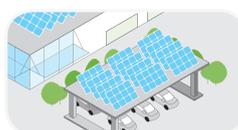
Product applications



Commercial buildings



Decentralised PV plants



Carports

| Device short name | TL 8000 E | TL10000 E | TL 15000 E | TL 20000 E |
|---------------------------------------|---|--|---|---|
| Electrical specifications | | | | |
| Input (DC) | | | | |
| MPPT voltage range, full power | 350 - 850 V | 350 - 850 V | 350 - 800 V | 350 - 800 V |
| Operating voltage range | 200 - 1000 V | 200 - 1000 V | 200 - 1000 V | 200 - 1000 V |
| Starting voltage | 200 V | 200 V | 200 V | 200 V |
| Max. input voltage, open circuit | 1000 V | 1000 V | 1000 V | 1000 V |
| Number of MPPT | 2 | 2 | 2 | 2 |
| Max. input current per MPPT | 17 A | 17 A | 23 A | 30 A |
| Max. short circuit current per MPPT | 24 A | 24 A | 30 A | 30 A |
| Nominal input power for max. output | 8.3 kW | 10.4 kW | 17.0 kW | 22.0 kW |
| Max. DC input power per MPPT | 5.5 kW | 7.0 kW | 8.5 kW | 11.0 kW |
| DC connection type | MC4, 4 pairs (2+2) | MC4, 4 pairs (2+2) | MC4, 4 pairs (2+2) | MC4, 4 pairs (2+2) |
| DC switch | Integrated | Integrated | Integrated | Integrated |
| Output (AC) | | | | |
| Nominal output power | 8 kVA | 10 kVA | 15 kVA | 20 kVA |
| Nominal output voltage | 230 / 400 V, three-phase | 230 / 400 V, three-phase | 230 / 400 V, three-phase | 230 / 400 V, three-phase |
| Isolation | Transformerless | Transformerless | Transformerless | Transformerless |
| AC voltage range | 184 - 276 V | 184 - 276 V | 184 - 276 V | 184 - 276 V |
| Frequency | 50 / 60 Hz | 50 / 60 Hz | 50 / 60 Hz | 50 / 60 Hz |
| Frequency range | 50 / 60 +/- 3 Hz | 50 / 60 +/- 3 Hz | 50 / 60 +/- 3 Hz | 50 / 60 +/- 3 Hz |
| Max. output current | 12.8 A | 16.0 A | 24.0 A | 32.0 A |
| Total harmonic distortion | < 3 % | < 3 % | < 3 % | < 3 % |
| Power factor (adjustable) | 0.8 lead to 0.8 lag | 0.8 lead to 0.8 lag | 0.8 lead to 0.8 lag | 0.8 lead to 0.8 lag |
| AC connection type | IP67 connector | IP67 connector | IP67 connector | IP67 connector |
| Efficiency | | | | |
| Peak | 98.2 % | 98.3 % | 98.0% | 98.0 % |
| European | 97.4 % | 97.7 % | 97.3 % | 97.5 % |
| General specifications | | | | |
| Power consumption, night time | < 2 W | < 2 W | < 2 W | < 2 W |
| IP degree of protection | IP65 (electronics), IP55 (balance) | IP65 (electronics), IP55 (balance) | IP65 (electronics), IP55 (balance) | IP65 (electronics), IP55 (balance) |
| Cooling | Fan cooled | Fan cooled | Fan cooled | Fan cooled |
| Enclosure material | Aluminium | Aluminium | Aluminium | Aluminium |
| Product weight | 41.0 kg (90.2 lb) | 41.0 kg (90.2 lb) | 67.2 kg (148.2 lb) | 67.2 kg (148.2 lb) |
| Shipping weight | 48.5 kg (106.9 lb) | 48.5 kg (106.9 lb) | 122.0 kg (269.0 lb) | 122.0 kg (269.0 lb) |
| Product dimensions (H x W x D) | 62.5 x 61.2 x 27.8 cm (24.6 x 24.0 x 10.9 in) | 62.5 x 61.2 x 27.8 cm (24.6 x 24.0 x 10.9 in) | 96.0 x 61.2 x 27.8 cm (37.8 x 24.1 x 10.9 in) | 96.0 x 61.2 x 27.8 cm (37.8 x 24.1 x 10.9 in) |
| Shipping dimensions (H x W x D) | 75.0 x 74.0 x 40.0 cm (29.5 x 29.1 x 15.8 in) | 75.0 x 74.0 x 40.0 cm (29.5 x 29.1 x 15.8 in) | 115.0 x 79.0 x 48.0 cm (45.3 x 31.1 x 18.9 in) | 115.0 x 79.0 x 48.0 cm (45.3 x 31.1 x 18.9 in) |
| Ambient air temperature for operation | -20 to 60°C (-4°F to 140°F) | -20 to 60°C (-4°F to 140°F) | -20 to 60°C (-4°F to 140°F)** | -20 to 60°C (-4°F to 140°F)** |
| Operating altitude | Up to 2000 m | Up to 2000 m | Up to 2000 m | Up to 2000 m |
| Relative humidity | 4 - 100 % (condensing) | 4 - 100 % (condensing) | 4 - 100 % (condensing) | 4 - 100 % (condensing) |
| Noise emission (at 1 m distance) | < 50 dBA | < 50 dBA | < 55 dBA | < 55 dBA |
| Features and options | | | | |
| Embedded data logger | 365 days | | | |
| Display | 5" Graphic LCD (320 x 240 pixels), 4 buttons | | | |
| Communication interface | Modbus (RS485) | | | |
| Multifunction relay | Yes | | | |
| Warranty in years (standard/optional) | 5 / 10 | | | |
| Regulatory approval | | | | |
| Electrical safety | CE marked for the Low Voltage Directive EN / IEC 62109-1 / EN / IEC 62109-2 AS3100 (Australia / Israel***) | | | |
| Grid interconnection* | BDEV***, VDE0126-1-1, VDE-AR-N 4105, RD1663, RD661, RD1699, ENEL-Guida***, CEI 0-21, A70, G59/2***, UTE C15-712-1, AS4777/SI4777***, PO12.3***, IEC 62116***, IEC 61727*** | | | |
| Environmental | RoHS, REACH | | | |
| EMC | CE marked for the EMC directive 2004-108-EC Emissions: EN 61000-6-3 (residential) Immunity: EN 61000-6-2 (industrial) | | | |
| Available product variants | | | | |
| Standard | PVSNCV8000 | PVSNCV10000 | PVSNCV15000 | PVSNCV20000 |

Specifications are subject to change without notice. *More available upon request. **-15°C cold start temperature. V_{pV} ≥500V. ***Only for TL 15000 E and TL 20000 E.

Conext Monitor 20 communication device

Compact and easy to use remote monitoring solution for residential PV installations

Conext™ Monitor 20 is a compact monitoring and control unit. This data logger allows simple configuration and operation. Connecting the data logger to the internet via ethernet allows the operating data to be visualized and monitored regardless of location using the web portal. The key data displayed in the web portal includes current and historical energy generation, environmental impact and system set-up data.

With four digital inputs and a power control function, it also meets the grid feed-in management requirements by allowing the connection of a ripple control receiver to the inverter through the datalogger.

Conext Monitor 20 is suitable for Conext RL and Conext TL series of inverters for PV systems up to 20 kW (not more than three inverters).

Why choose Conext Monitor 20?



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

- Energy generation charts and regional benchmarking to proactively address PV plant performance issues, if any
- Meets current grid feed-in management guidelines to avoid any blanket reduction e.g. in Germany



Designed for reliability

- Undergone extensive safety, quality and reliability testing



Flexible

- Compatible with Conext RL and TL series of inverters
- Access to PV plant performance regardless of location
- Both visual and audible alarm available for quick error reporting



Easy to service

- Provision to backup and to load data logger configuration
- Easy replacement of data logger without losing any portal data



Easy to install

- Compact unit that is very easy to mount
- Configuration software included for installation assistance
- Simple registration process for web portal



Conext Monitor 20 monitoring system

Product applications



Residential



Small commercial

| | |
|------------------------------------|---|
| Device short name | Conext Monitor 20 |
| Electrical specifications | |
| Communication interfaces | |
| Inverter (Modbus-RS 485) | Connector: 1x RJ12, 2-wire serial, termination: 120 Ohms Inverter connect cable (length: 2m) and RJ45 - RJ45 adapter for extension provided Products supported: Conext RL, Conext TL (max. plant size 20 kW, max. number of inverters: 3) |
| Ethernet | Connector: 1 x RJ45, 10 Mbps (HTTP(s), DHCP, REST) Ethernet connect cable provided (length: 1.8 m) |
| USB-device | Connector: USB-MicroB, full speed 12 Mbps, protocols: CDC, RS232 emulation USB connect cable provided (length: 1m) |
| Other interfaces | |
| Ripple control receiver | Connector: 1x RJ45, 4x digital inputs (EN62053-31) |
| Power supply options | |
| DC input | 24 V +/- 5% , using 2.1 x 5.5 mm center positive socket |
| AC frequency of power adapter | 47 to 63 Hz |
| AC voltage of power adapter | 100 to 240 VAC |
| Power consumption | 1.7 W typical |
| Memory | |
| Internal flash | 5 days data |
| General specifications | |
| Product weight | 0.2 kg (0.4 lb) |
| Shipping weight | 0.7 kg (1.5 lb) |
| Product dimensions (H x W x D) | 10.7 x 15.2 x 3.7 cm (4.2 x 6.0 x 1.5 in) |
| Shipping dimensions (H x W x D) | 16.0 x 33.2 x 12.2 cm (6.3 x 13.1 x 4.8 in) |
| Housing/mounting system | Wall-mount: 2-screw |
| IP rating/mounting location | IP 21, indoor only |
| Status display | 8x LEDs |
| Push buttons | 3x (menu, action and reset) |
| Switch | 1x (for power control on/off) |
| Audible alarm | Yes (with on/off control) |
| Temperature | Operating: 0 to 40°C; storage: -20 to 650°C |
| Humidity | Rel. 20 to 90% (non-condensing) |
| Part number | PVSCMC1120 |
| Features and options | |
| Warranty | 2 years |
| Portal compatibility with browsers | IE8 and above, Firefox 13.0.1 and above, Google Chrome 20.0.1132.47m and above, Apple Safari 5.1.7 and above |
| Regulatory approvals | |
| Marking | CE, RCM |
| Safety | EN 60950-1 |
| EMC immunity | EN 61000-3-2, EN 61000-3-3, EN61000-6-1:2007, EN61000-4-11 |
| EMC emission | EN55022 class B |
| Substances/environmental | RoHS |
| Disposal | WEEE |
| Works with | |
| Conext TL | TL 8000 E product no. PVSNVC8000, TL 1000 E product no. PVSNVC10000, TL 15000 E product no. PVSNVC15000, TL 20000 E product no. PVSNVC20000 |
| Conext RL | RL 3000 E product no. PVSNVC3000 / PVSNVC3000S, RL 4000 E product no. PVSNVC4000 / PVSNVC4000S, RL 5000 E product no. PVSNVC5000 / PVSNVC5000S |

Specifications are subject to change without notice.

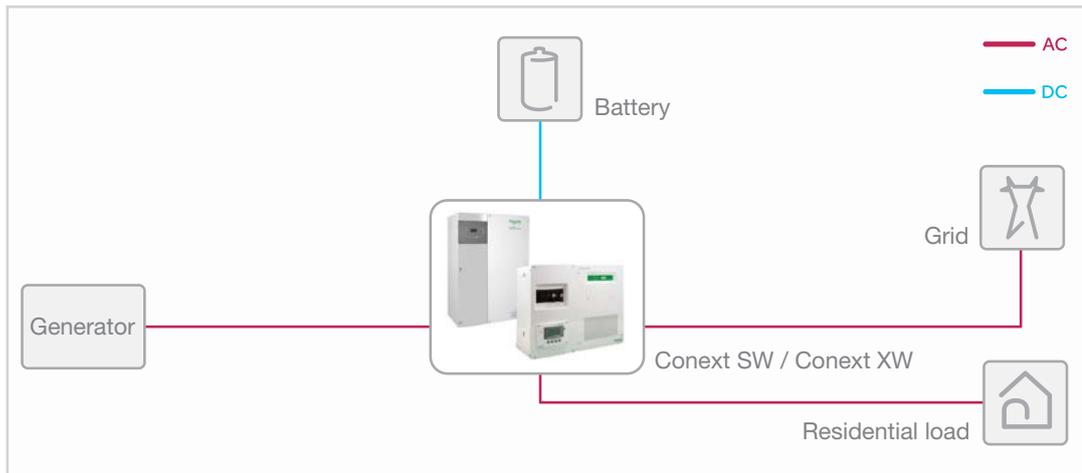


Refuge du Goûter, France
Off-grid solar
12 kWp

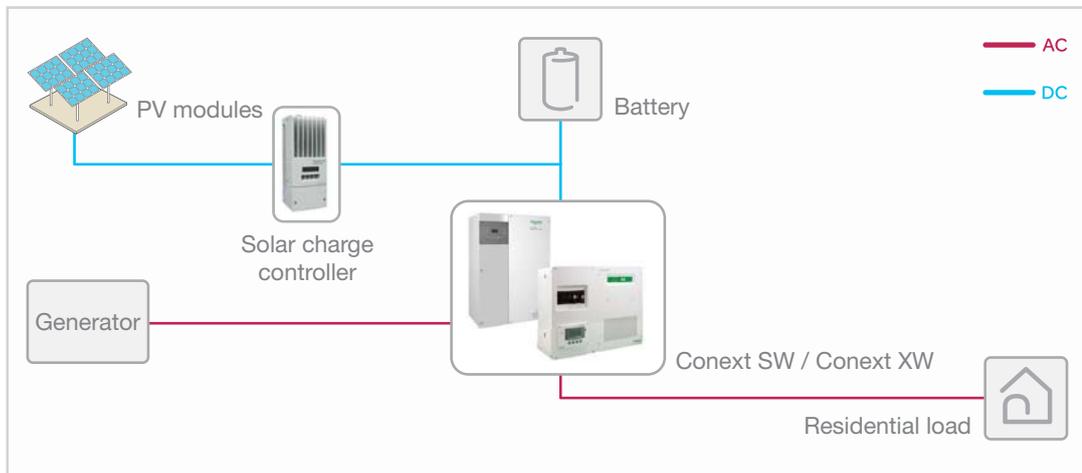
Designing your off-grid solar and backup power solutions

Schneider Electric solutions for the off-grid solar and battery back market allow you to install your system for multiple configurations to suit your project requirements.

> Residential backup power solutions using Conext SW or Conext XW

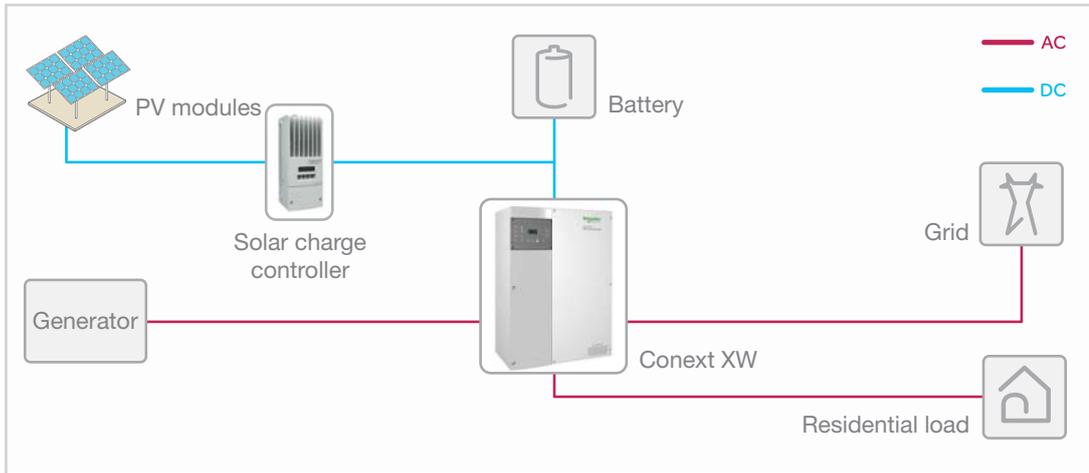


> Residential off-grid solutions using Conext SW or Conext XW

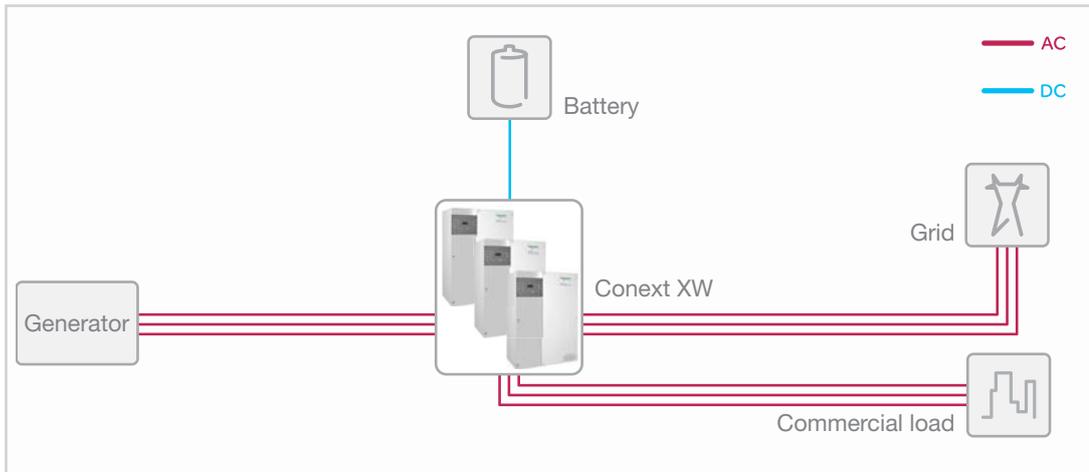


Designing your solar solution

Residential grid-interactive solar with backup solutions using Conext XW

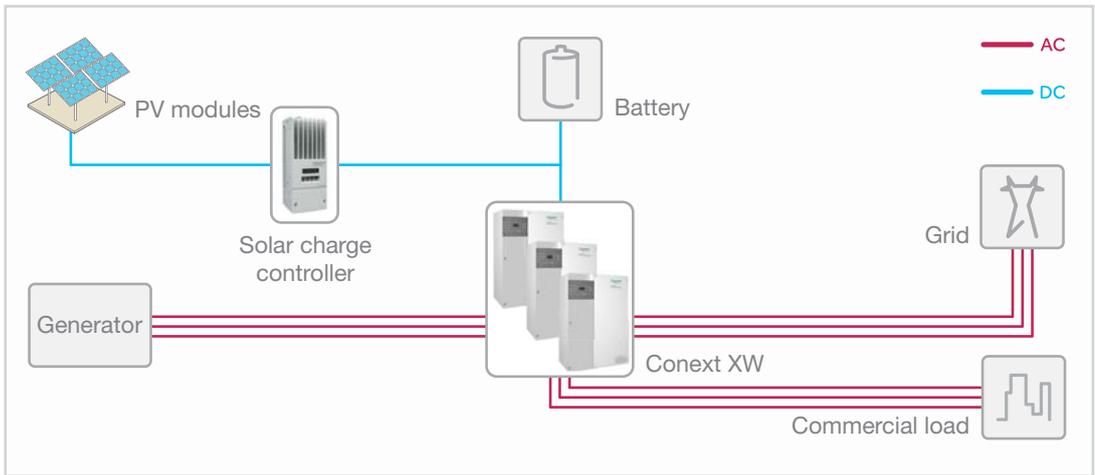


Commercial backup power solutions using Conext XW

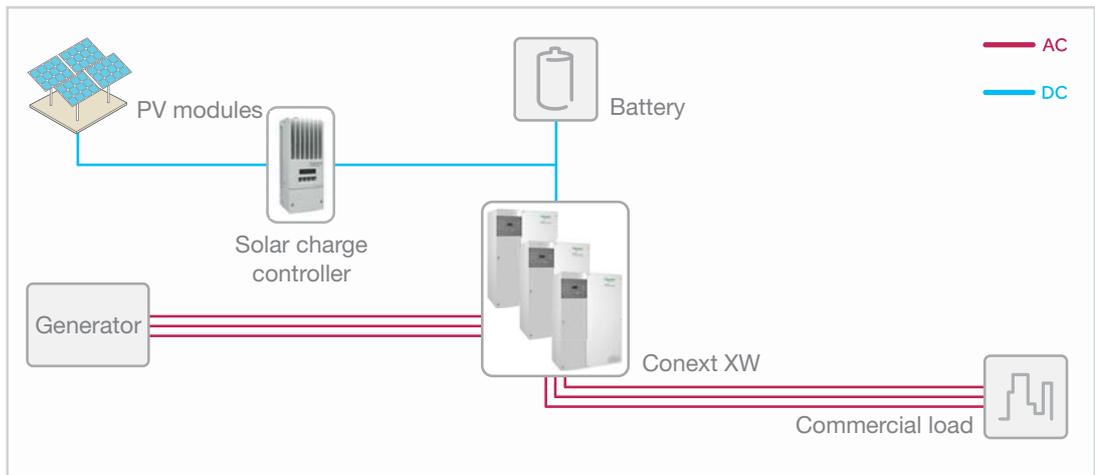




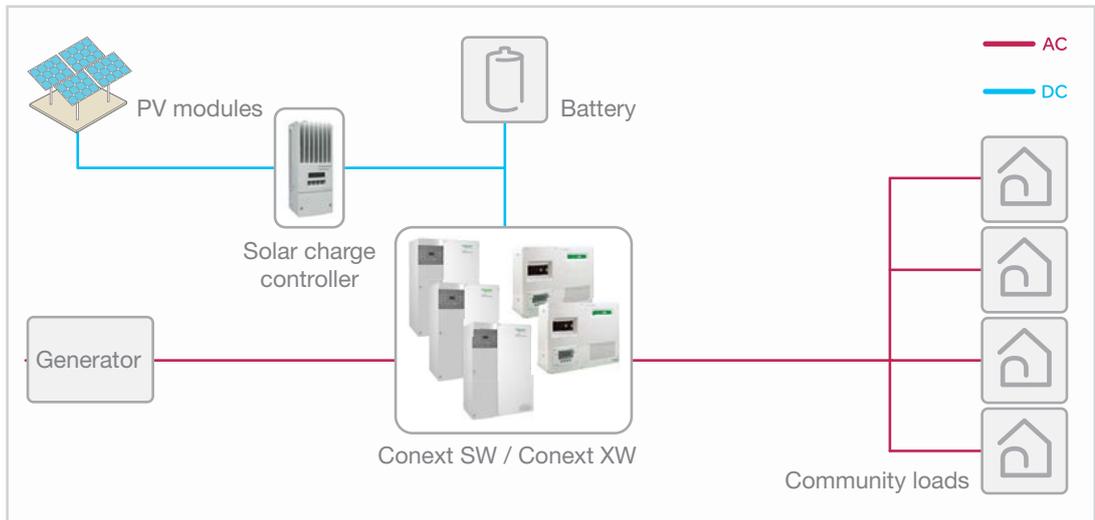
> Commercial grid-interactive solar with battery backup solutions using Conext XW



> Commercial off-grid solar solutions using Conext XW



> Community electrification using Conext SW or Conext XW



Conext SW inverter/charger

New value in off-grid solar and backup power

Conext™ SW delivers new value and a new price point to the marketplace in 2013. Conext SW is a pure sine wave, inverter/charger system with switchable 50/60 Hz functionality available for both 120/240 VAC or 230 VAC models.

North American units feature split-phase input and output without the need for an external transformer. Available DC and AC switchgear panels, display control panel, remote monitoring and automated generator control modules present even more value. Stacking Conext SW units will double the power and available solar charge controllers allow for the integration of solar capacity as required.

Why choose Conext SW?



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

- Cost effective residential and community system
- Harness the continuously declining production cost of solar power



Designed for reliability

- Robust design through rigorous reliability testing (HALT)



Flexible

- All models support both 50 Hz and 60 Hz output
- Support stackable power up to 8 kW



Easy to service

- Remote monitoring and configuration
- Global support



Easy to install

- Configures quickly into compact wall mounted system
- Companion breaker panels integrate inverter with battery bank and solar charge controllers



Product applications



Residential backup power



Off-grid solar



Community electrification

| Device short name | SW 2524 120 | SW 4024 120 | SW 2524 230 | SW 4024 230 |
|---|---|---|--|--|
| Electrical specifications - inverter | | | | |
| Output power (continuous) at 25°C | 2500 W | 3400 W | 2500 W | 3500 W |
| Output power (30 min) at 25°C | 2700 W | 4000 W | 2800 W | 4000 W |
| Output power (5 sec) at 25°C | 4000 W | 7000 W | 5000 W | 7000 W |
| Peak current | 24.3 A | 41 A | 24.3 A | 42 A |
| Output frequency | 50 / 60 Hz selectable | 50 / 60 Hz selectable | 50 / 60 Hz selectable | 50 / 60 Hz selectable |
| Output voltage | 120 / 240 Vac | 120 / 240 Vac | 230 Vac | 230 Vac |
| Output wave form | True sine wave | True sine wave | True sine wave | True sine wave |
| Optimal efficiency | 91.5% | 92% | 91.5% | 92% |
| Idle consumption search mode | <8 W | <8 W | <8 W | <8 W |
| Input DC voltage range | 20 - 34 Vdc | 20 - 34 Vdc | 20 - 34 Vdc | 20 - 34 Vdc |
| AC connections | Single / Split phase | Single / Split phase | Single phase | Single phase |
| Electrical specifications - charger | | | | |
| Output current | 65 A | 90 A | 65 A | 90 A |
| Nominal output voltage | 24 Vdc | 24 Vdc | 24 Vdc | 24 Vdc |
| Output voltage range | 12- 32 Vdc | 12 - 32 Vdc | 12 - 32 Vdc | 12 - 32 Vdc |
| Charge control | 3 stage | 3 stage | 3 stage | 3 stage |
| Charge temperature compensation | Yes - BTS included | Yes - BTS included | Yes - BTS included | Yes - BTS included |
| Optimal efficiency | 90% | 90% | 90% | 90% |
| AC input power factor | > 0.98 | > 0.98 | > 0.98 | > 0.98 |
| Input current | 9 A | 13 A | 10.6 A | 14.0 A |
| Input AC voltage | 120 / 240 Vac split phase | 120 / 240 Vac split phase | 230 Vac | 230 Vac |
| Input AC voltage range line to neutral | 95 - 135 Vac single phase 135 - 270 Vac split phase | 95 - 135 Vac single phase 135 - 270 Vac split phase | 170 - 270 Vac | 170 - 270 Vac |
| Dead battery charge | Yes | Yes | Yes | Yes |
| General specifications | | | | |
| Compatible battery types | FLA, Gel, AGM, Custom | FLA, Gel, AGM, Custom | FLA, Gel, AGM, Custom | FLA, Gel, AGM, Custom |
| Transfer relay rating | 30 A | 30 A | 30 A | 30 A |
| Transfer time | <1 cycle (16.7 ms) | <1 cycle (16.7 ms) | <1 cycle (20 ms) | <1 cycle (20 ms) |
| (AC to inverter and inverter to AC) | | | | |
| Optimal operating temperature range | -20°C to 60°C (-4°F to 140°F) | -20°C to 60°C (-4°F to 140°F) | -20°C to 60°C (-4°F to 140°F) | -20°C to 60°C (-4°F to 140°F) |
| Storage ambient temperature range | -40°C to 85°C (-40°F to 185°F) | -40°C to 85°C (-40°F to 185°F) | -40°C to 85°C (-40°F to 185°F) | -40°C to 85°C (-40°F to 185°F) |
| Product weight | 23.0 kg (50.6 lb) | 30.5 kg (67.1 lb) | 23.0 kg (50.6 lb) | 30.5 kg (67.1 lb) |
| Shipping weight | 27.2 kg (60.0 lb) | 35.0 kg (77.0 lb) | 27.2 kg (60.0 lb) | 35.0 kg (77.0 lb) |
| Product dimensions (H x W x D) | 41.8 x 34.1 x 19.7 cm (16.5 x 13.4 x 7.6 in) | 41.8 x 34.1 x 19.7 cm (16.5 x 13.4 x 7.6 in) | 38.7 x 34.3 x 19.7 cm (15.2 x 13.5 x 7.6 in) | 38.7 x 34.3 x 19.7 cm (15.2 x 13.5 x 7.6 in) |
| Shipping dimensions (H x W x D) | 56.0 x 44.0 x 32.0 cm (22.0 x 17.3 x 12.6 in) | 56.0 x 44.0 x 32.0 cm (22.0 x 17.3 x 12.6 in) | 56.0 x 44.0 x 32.0 cm (22.0 x 17.3 x 12.6 in) | 56.0 x 44.0 x 32.0 cm (22.0 x 17.3 x 12.6 in) |
| System network and remote monitoring | Available | Available | Available | Available |
| Warranty (Depending on the country of installation) | 2 or 5 years | 2 or 5 years | 2 or 5 years | 2 or 5 years |
| Part number | 865-2524 | 865-4024 | 865-2524-61 | 865-4024-61 |
| Regulatory approvals | | | | |
| Safety | c(CSA) us mark CSA C22.2 No. 107.1-01 UL1741 Ed.2 | c(CSA) us mark CSA C22.2 No. 107.1-01 UL1741 Ed.2 | CE mark RCM mark IEC/EN62109-1, IEC/EN62109-2 | CE mark RCM mark IEC/EN62109-1, IEC/EN62109-2 |
| Optional accessories | | | | |
| Universal DC breaker panel | 865-1016 | | | |
| AC breaker panel (120/240 V) | 865-1017 | | | |
| AC breaker panel (230 V) | 865-1017-61 | | | |
| System Control Panel (SCP) | 865-1050 | | | |
| Automatic Generator Start (AGS) | 865-1060 | | | |
| Conext ComBox | 865-1058 | | | |
| MPPT 60 150 solar charge controller | 865-1030-1 | | | |

Specifications are subject to change without notice.

Conext XW inverter/charger (230 V / 50 Hz)

One solution for global power

Conext™ XW is an adaptable pure sine wave, single-phase and three-phase inverter/charger system with global grid-tie functionality and dual AC power inputs. Available solar charge controllers, monitoring, and automated generator control modules enable further adaptability. From single Conext XW unit to multiple clusters of units, up to 36 kW each, the Conext XW is a scalable system that allows for the integration of solar capacity as required.

Adaptable and scalable, the Schneider Electric Conext XW system is the one solution for global grid-interactive and off-grid, residential and commercial, solar and backup power applications.

Why choose Conext XW (230 V / 50 Hz)?



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

- Harness the continuously declining production cost of solar power
- Hybrid integration of generator reduces diesel fuel costs



Designed for reliability

- Robust design through rigorous reliability testing (HALT)
- Proven field performance: 7 years with high reliability, globally in multiple applications and environments



Flexible

- Adapts to single and three-phase systems
- Scales to 36 kW for commercial or large electrification installations
- Supports DC coupled and AC coupled solutions



Easy to service

- Remote monitoring and configuration
- Replaceable boards and components
- Global support



Easy to install

- Devices configure quickly into a stylish wall mounted system
- Inverters connect both grid and generator power with dual AC input



Product applications



Residential, backup power and grid-tie



Off-grid solar



Community electrification



Small commercial, backup power and grid-tie

| Device short name | XW4024 230 50 | XW4548 230 50 | XW6048 230 50 |
|---|--|------------------------------|------------------------------|
| Electrical specifications | | | |
| Continuous power | 4.0 kVA | 4.5 kVA | 6.0 kVA |
| Surge rating | 8.0 kVA (20 sec) | 9.0 kVA (15 sec) | 12.0 kVA (15 sec) |
| Output current | 17.4 A | 19.6 A | 26.1 A |
| Peak output current (rms) | 35 A | 40 A | 53 A |
| Input current at rated power | 178 A | 96 A | 131 A |
| Type of signal | True sine wave | True sine wave | True sine wave |
| Automatic transfer relay | 56 A | 56 A | 56 A |
| Typical transfer time | 8 ms | 8 ms | 8 ms |
| DC input voltage (nominal) | 25.2 V | 50.4 V | 50.4 V |
| Input voltage limits | 20 to 32 V | 40 to 64 V | 40 to 64 V |
| Charging current | 150 A | 85 A | 100 A |
| Power factor corrected charging | 0.98 | 0.98 | 0.98 |
| Auxiliary relay output | 0 to 12 V, maximum 250 mA DC | 0 to 12 V, maximum 250 mA DC | 0 to 12 V, maximum 250 mA DC |
| Power consumption (search mode) | < 7 W | < 7 W | < 7 W |
| AC input voltage (nominal) | 230 V +/- 3% | 230 V +/- 3% | 230 V +/- 3% |
| Input voltage limits (bypass/charge mode) | 165 to 280 V (230 V nominal) | 165 to 280 V (230 V nominal) | 165 to 280 V (230 V nominal) |
| Frequency | 50 Hz +/- 0.1 Hz | 50 Hz +/- 0.1 Hz | 50 Hz +/- 0.1 Hz |
| AC input frequency range (bypass/charge mode) | 40 to 68 Hz (50 Hz nominal) | 40 to 68 Hz (50 Hz nominal) | 40 to 68 Hz (50 Hz nominal) |
| Total harmonic distortion (THD) | < 5% at rated power | < 5% at rated power | < 5% at rated power |
| AC connections | AC1 (Grid), AC2 (Generator) | AC1 (Grid), AC2 (Generator) | AC1 (Grid), AC2 (Generator) |
| AC input breaker | 60 A single-pole | 60 A single-pole | 60 A single-pole |
| Efficiency | | | |
| Peak | 94.0% | 95.6% | 95.4% |
| General specifications | | | |
| IP degree of protection | IP20 (sensitive electric components sealed inside enclosure) | | |
| Product weight | 52.5 kg (116.0 lb) | 53.5 kg (118.0 lb) | 55.2 kg (121.7 lb) |
| Shipping weight | 74.0 kg (163.0 lb) | 75.0 kg (165.0 lb) | 76.7 kg (169.0 lb) |
| Product dimensions (H x W x D) | 58 x 41 x 23 cm (23 x 16 x 9 in) | | |
| Shipping dimensions (H x W x D) | 71.1 x 57.2 x 39.4 cm (28.0 x 22.5 x 15.5 in) | | |
| Device mounting | Wall mount (backplate included) | | |
| Ambient air temperature for operation | -25°C to 70°C (-13°F to 158°F) (power derated above 45°C (113°F)) | | |
| System network and remote monitoring | Available | | |
| Warranty (Depending on the country of installation) | 2 or 5 years | | |
| Part number | 865-1045-61 | 865-1040-61 | 865-1035-61 |
| Features and options | | | |
| Display type | Status LEDs indicate AC In status, faults/warnings, equalize mode, On/Off and equalize button battery level. Three-character display indicates output power or charge current | | |
| Supported battery types | Flooded (default), Gel, AGM, custom | | |
| Battery bank size | 100 to 2000 Ah (scaled to PV array size) | | |
| Battery temperature sensor | Included | | |
| Non volatile memory | Yes | | |
| Multiple unit configurations | Single-phase: up to four parallel units. Three-phase: two units per phase | | |
| Regulatory approval | | | |
| CE marked according to the following EU directives and standards: | | | |
| EMC directive | EN61000-6-1, EN61000-6-3, EN61000-3-2, EN61000-3-3 | | |
| Low voltage directive | EN50178 | | |
| RCM marked and compliant | AS 4777.2, AS 4777.3, AS/NZS 3100 | | |
| Accessories | | | |
| XW Product Distribution Panel (PDP) | Product no. 865-1015 | | |
| XW Connection Kit (CK) | Product no. 865-1020 | | |
| System Control Panel (SCP) | Product no. 865-1050 | | |
| Automatic Generator Start (AGS) | Product no. 865-1060 | | |
| MPPT 60 150 solar charge controller | Product no. 865-1030-1 | | |
| MPPT 80 600 solar charge controller | Product no. 865-1032 | | |
| XW Configuration Tool (CT) | Product no. 865-1155 | | |
| Conext ComBox | Product no. 865-1058 | | |

Conext XW inverter/charger (120 / 240 V / 60 Hz)

One solution for global power

Conext™ XW is an adaptable pure sine wave, single-phase, split-phase or three-phase inverter/charger system with global grid-tie functionality and dual AC power inputs. Available solar charge controllers, monitoring, and automated generator control modules enable further adaptability. From single Conext XW unit to multiple clusters of units, up to 36 kW each, the Conext XW is a scalable system that allows for the integration of solar capacity as required.

Adaptable and scalable, the Schneider Electric Conext XW system is the one solution for global grid-interactive and off-grid, residential and commercial, solar and backup power applications.

Why choose Conext XW (120 V / 240 v / 60 Hz)?



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

- Harness the continuously declining production cost of solar power
- Hybrid integration of generator reduces diesel fuel costs



Designed for reliability

- Robust design through rigorous reliability testing (HALT)
- Proven field performance: 7 years with high reliability, globally in multiple applications and environments



Flexible

- Adapts to single, split-phase or three-phase systems
- Scales to 36 kW for commercial or large electrification installations
- Supports DC coupled and AC coupled solutions



Easy to service

- Remote monitoring and configuration
- Replaceable boards and components
- Global support



Easy to install

- Devices configure quickly into a stylish wall mounted system
- Inverters connect both grid and generator power with dual AC input
- Power distribution panel integrates inverters with battery bank and solar charge controllers



Products shown:
Schneider Electric Conext XW inverter/charger,
XW Power Distribution Panel and XW Conduit Box

Product applications



Residential, backup power and grid-tie



Off-grid solar



Community electrification



Small commercial, backup power and grid-tie

| Device short name | XW4024 120 240 60 | XW4548 120 240 60 | XW6048 120 240 60 |
|---|--|---|---|
| Electrical specifications | | | |
| Continuous power | 4.0 kVA | 4.5 kVA | 6.0 kVA |
| Surge rating | 8.0 kVA (20 sec) | 9.0 kVA (15 sec) | 12.0 kVA (15 sec) |
| Peak output current (rms) | L-N: 70 A (20 sec), L-L: 35 A (20 sec) | L-N: 75 A (20 sec), L-L: 40 A (20 sec) | L-N: 105 A (15 sec), L-L: 52.5 A (15 sec) |
| Input current at rated power | 178 A | 96 A | 130 A |
| Type of signal | True sine wave | True sine wave | True sine wave |
| Automatic transfer relay | 60 A | 60 A | 60 A |
| Typical transfer time | 8 ms | 8 ms | 8 ms |
| DC input voltage (nominal) | 25.2 V | 50.4 V | 50.4 V |
| Input voltage limits | 20 to 32 V | 40 to 64 V | 40 to 64 V |
| Charging current | 150 A | 85 A | 100 A |
| Power factor corrected charging | 0.98 | 0.98 | 0.98 |
| Auxiliary relay output | 0 to 12 V, maximum 250 mA DC | 0 to 12 V, maximum 250 mA DC | 0 to 12 V, maximum 250 mA DC |
| Idle consumption (search mode) | < 8 W | < 8 W | < 8 W |
| AC input voltage (nominal) | 120 / 240 V split-phase | 120 / 240 V split-phase | 120 / 240 V split-phase |
| AC output voltage | L-N: 120 V +/- 3%; L-L: 240 V +/- 3% | L-N: 120 V +/- 3%; L-L: 240 V +/- 3% | L-N: 120 V +/- 3%; L-L: 240 V +/- 3% |
| Input voltage limits (bypass/charge mode) | L-N: 78 to 140 V (120 V nominal); L-L: 160 to 270 V (240 V nominal) | | |
| AC1 voltage range (sell mode) | L-N: 106 to 132 +/- 1.5 V; L-L: 214 to 260 +/- 3.0 V (automatically adjusts when entering sell mode) | | |
| Frequency | 60 +/-0.1 Hz | 60 +/-0.1 Hz | 60 +/-0.1 Hz |
| AC input frequency range (bypass/charge mode) | 55 to 65 Hz (default); 44 - 70 Hz (allowable) | | |
| AC1 frequency range (sell mode) | 59.4 to 60.4 +/- 0.05 Hz (automatically adjusts when entering sell mode) | | |
| Total harmonic distortion (THD) at rated power | < 5% | < 5% | < 5% |
| AC connections | AC1 (Grid), AC2 (Generator) | AC1 (Grid), AC2 (Generator) | AC1 (Grid), AC2 (Generator) |
| AC input breaker | 60 A two-pole | 60 A two-pole | 60 A two-pole |
| Utility interactive | Yes | Yes | Yes |
| CEC power rating | 4.0 kW | 4.5 kW | 5.760 kW |
| Efficiency | | | |
| Peak | 94.0% | 95.6% | 95.4% |
| CEC weighted | 91.0% | 93.0% | 92.5% |
| General specifications | | | |
| NEMA degree of protection | NEMA1R (indoor rating) (sensitive electronic components sealed inside enclosure) | | |
| Product weight | 52.5 kg (116.0 lb) | 53.5 kg (118.0 lb) | 55.2 kg (121.7 lb) |
| Shipping weight | 74.0 kg (163.0 lb) | 75.0 kg (165.0 lb) | 76.7 kg (169.0 lb) |
| Product dimensions (H x W x D) | 58 x 41 x 23 cm (23.0 x 16.0 x 9.0 in) | 58 x 41 x 23 cm (23.0 x 16.0 x 9.0 in) | 58 x 41 x 23 cm (23.0 x 16.0 x 9.0 in) |
| Shipping dimensions (H x W x D) | 71.1 x 56.5 x 26.7 cm (28.0 x 22.3 x 10.5 in) | 71.1 x 56.5 x 26.7 cm (28.0 x 22.3 x 10.5 in) | 71.1 x 56.5 x 26.7 cm (28.0 x 22.3 x 10.5 in) |
| Ambient air temperature for operation | -25 to 70°C (-13 to 158°F) (power derated above 45°C (113°F)) | | |
| System network and remote monitoring | Available | Available | Available |
| Warranty (Depending on the country of installation) | 2 or 5 years | 2 or 5 years | 2 or 5 years |
| Part number | 865-1010 | 865-1005 | 865-1000-01 |
| Features and options | | | |
| Display type | Status LEDs indicate AC In status, faults/warnings, equalize mode, battery level. Three-character display indicates output power or charge current, fault/warning codes. On/off and equalize buttons | | |
| Supported battery types | Flooded (default), Gel, AGM, custom | | |
| Battery bank size | 100 to 2000 Ah (scaled to PV array size) | | |
| Battery temperature sensor | Included | | |
| Multiple-unit configurations | Split-phase: up to four parallel units in 120/240 V. Three-phase: up to two units per phase (six units total) | | |
| Regulatory approvals | | | |
| Safety | UL1741, CSA 107.1 | | |
| EMC | FCC and Industry Canada Class B | | |
| Interconnect | IEEE 1547 and CSA 107.1 | | |
| Accessories | | | |
| XW Product Distribution Panel (PDF) | Product no. 865-1015 | | |
| XW Connection Kit (CK) | Product no. 865-1020 | | |
| System Control Panel (SCP) | Product no. 865-1050 | | |
| Automatic Generator Start (AGS) | Product no. 865-1060 | | |
| MPPT 60 150 solar charge controller | Product no. 865-1030-1 | | |
| MPPT 80 600 solar charge controller | Product no. 865-1032 | | |
| XW Configuration Tool (CT) | Product no. 865-1155 | | |
| Conext ComBox | Product no. 865-1058 | | |

Specifications are subject to change without notice.

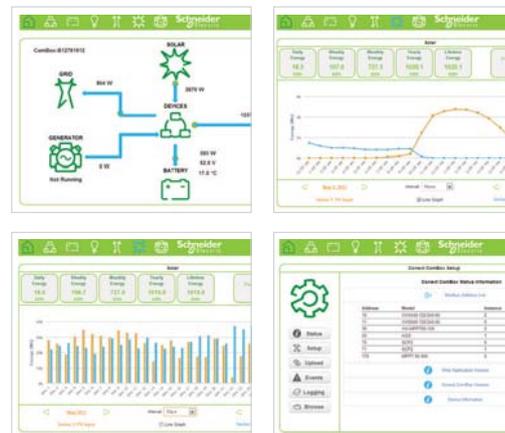
Conext ComBox communication device

New remote monitoring from Schneider Electric

Operators of Conext™ solar systems can now remotely monitor yield performance using devices of their choice, such as personal computers, tablet devices, or building management systems. Data logs and event logs for each device, as well as graphical displays of historical and solar system harvest, and plant yield are easily reviewed using a web browser or Android tablet device. Installers can change the settings of Conext devices during commissioning and react 24/7 to system alerts remotely. A Modbus interface links Conext devices with sophisticated third party software packages and building management systems. Integrated Micro-SD card provides for additional data storage. Conext ComBox is compatible with Xanbus protocol devices.

Why choose Conext ComBox?

-  **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**
 - Monitor solar system harvest and yield
-  **Designed for reliability**
 - Robust design through rigorous Multiple Environmental Over Stress Testing (MEOST) and Temperature Humidity Bias (THB)
-  **Flexible**
 - Configure up to twenty Xanbus protocol devices
 - Works with Conext XW, SW, TX, GT-AUS, MPPT 60-150, MPPT 80-600, AGS, SCP
 - Access Conext devices over Modbus protocol
-  **Easy to service**
 - Remotely monitor, faster access and troubleshoot systems 24/7
 - Remotely upgrade ComBox and Conext device firmware
 - Settings are maintained during power or network interruptions
-  **Easy to install**
 - Configure devices using web page interface or Android tablet
 - Surface or DIN-Rail mounting
 - Multiple power supply options



Conext ComBox monitoring system

Product applications



Residential, backup power and grid-tie



Small commercial, backup power and grid-tie



Off-grid solar



Community electrification

| Device short name | Conext ComBox |
|---|--|
| Electrical specifications | |
| Communication interfaces | |
| Xanbus | Connector: 2 x RJ45 Products Supported: Conext XW / SW / TX, GT-AUS, MPPT 60-150, MPPT 80-600, AGS, SCP |
| Ethernet | Connector: 1 x RJ45, 10 / 100 MBPS Server: FTP, Web, Modbus TCP/IP Client: SMTP, SNTP, Auto discovery: DPWS |
| RS485 | Modbus (1 x Connector: Screw 5-terminal, 16-24AWG, 2-wire serial, 19200 bps) |
| Data Interfaces | |
| USB 2.0-Host | Connector: USB-A, Protocols: MSD (firmware upgrades and device locator) |
| USB 2.0-Device | Connector: USB-mini B, Protocols: CDC, MSD (data extraction) |
| Power supply options | |
| DC input | Certified / Listed / CE, using a 6.5 mm power plug, 9 - 24 Vdc (universal multi-pin AC adapter included) |
| Power consumption | 4 W typical / 10 W peak |
| Xanbus | When connected to Conext XW / SW or MPPT 80 600, or more than one Conext TX |
| RS485 | 24 Vdc (safety extra low-voltage only) |
| Memory | |
| Internal | 96 MB flash |
| External | Micro-SD Card (2GB or more, class 2 or better recommended) |
| General specifications | |
| Weight | 0.25 kg (0.55 lb) |
| Dimensions (H x W x D) | 11.4 x 16.9 x 5.4 cm (4.5 x 6.7 x 2.1 in) |
| Housing/mounting system | ABS Plastic / DIN-rail: 35 mm, Wall-mount: 2-screw |
| IP rating/mounting Location | IP 20, NEMA 1, Indoor only |
| Status display | 5 x LEDs |
| Temperature | Operating: -4 to 122 °F (-20 to 50 °C) / storage: -40 to 185 °F (-40 to 85 °C) |
| Humidity | Operating: < 95%, non-condensing / storage: < 95% |
| Part number | 865-1058 |
| Features | |
| Programmable dry contact relay | Screw 3-terminal, 16-24 AWG, NC-Com-NO, Form: Class 2, 24 Vdc 4 A max |
| Graphical user interface | Internet Browser, Android tablet app |
| Remote firmware upgrades | Yes (ComBox and connected Xanbus devices) |
| Custom datalogger | Yes (requires Micro-SD card) |
| Warranty | 5 years |
| Number of Xanbus devices | Up to 20 (depending on device type) |
| Regulatory approvals | |
| Marking | CE, RCM |
| EMC immunity | EN61000-6-1 residential / commercial |
| EMC emission | EN61000-6-3, FCC Part 15 Class B, Ind. Canada ICES-003 Class B |
| Substances/environmental | RoHS |
| Works with | |
| 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 |
| Conext XW inverter/charger (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 SW inverter / charger (120 V) | SW 2524 product no. 865-2524 SW 4024 product no. 865-3524 |
| Conext SW inverter / charger (230 V) | SW 2524 product no. 865-2524-61 SW 4024 product no. 865-3524-61 |
| Conext TX inverter (N. America) | TX 2800 product no. 878-2801 TX 3300 product no. 878-3301 TX 3800 product no. 878-3801 TX 5000 product no. 878-5001 |
| MPPT 60 150 solar charge controller | Product no. 865-1030-1 |
| MPPT 80 600 solar charge controller | Product no. 865-1032 |
| System Control Panel (SCP) | Product no. 865-1050 |
| Automatic Generator Start (AGS) | Product no. 865-1060 |
| GT-AUS inverter | GT 2.8 product no. 864-1030 GT 5.0 product no. 864-1039-01 |

Selected customer references

Global support that makes any size installation a success story

Ontario, Canada
Off-grid solar
10 kWp

California, USA
Off-grid solar
4.5 kWp

Gipuzkoa, Spain
Off-grid solar
1.5 kWp

Madrid, Spain
Off-grid solar
18 kWp

Refuge du Goûter, France
Off-grid solar
12 kWp

Grenoble, France
Commercial rooftop
70 kWp

Aquila, Italy

Commercial rooftop
65 kWp

Aquila, Italy

Commercial rooftop
200 kWp

Uta, Italy

Commercial rooftop
355 kWp



Ostwind, Germany

Commercial rooftop
360 kWp



Monthey, Switzerland

Commercial rooftop
95 kWp

Lamig, Greece

Decentralised power plant
500 kWp



Marovato, Madagascar

Commercial rooftop
1.5 kWp



Lunamatrona, Italy

Commercial rooftop
145 kWp



Dorna, Romania

Off-grid solar
360 kWp



Grenoble, France

Commercial rooftop
50 kWp

See our solutions on YouTube at www.youtube.com/schneidersolar

Make the most of your energySM

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