Schneider Pulse

The future-proof, all-in-one smart electrical panel

Schneider Pulse is the smart electrical panel built for tomorrow's needs

As homes become more and more electrified, there is a clear need for integrated, smarter technology to make them more energy efficient, resilient, and sustainable. Schneider Pulse is the next-generation electrical panel that gives homeowners the infrastructure they need to easily upgrade their homes with solar, battery, EV chargers, and other high-capacity electric appliances — now or in the future.

How it works

The Schneider Pulse 200 A electrical panel works as the heart of the electrified home, connecting the various energy sources to the grid. It's the smart infrastructure your customers need to:

- Automatically optimize energy use and enable real-time monitoring and control to save money while maintaining comfort.

- Reduce environmental impact by optimizing energy use and shifting to the most sustainable energy source.

- Keep more of what needs to be powered during an outage with the ability to choose what to power on the fly.

The benefits of an all-in-one electrical panel

- Consolidates five boxes into one sleek electrical panel, including (1) meter, (2) main panel, (3) subpanel, (4) backup switch, and (5) load control.

- Installs faster and easier, reducing time and materials costs.

- Is load-control ready when paired with controllable relays to help avoid service-level upgrades when adding heavy electrical loads.

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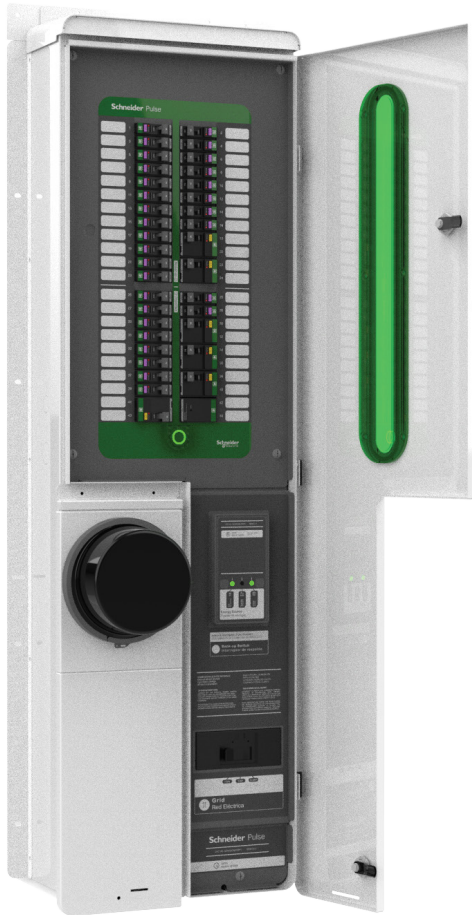
More features for today and tomorrow

- **Schneider Energy Monitor**: Provides complete energy monitoring and control down to the circuit, for seamless automation. Factory installed, the monitor is compatible with connected and controllable smart relays.

- **Backup Control Switch (optional):** Available as factory-installed or can be installed later in the field. Enables backup power capability by switching seamlessly to alternate energy sources. The backup controller eliminates the enclosure for the Microgrid Interconnect Device (MID).

- **Backup-ready load center:** Interior separates backup from non-backup loads, eliminating the need for an additional backup panel.

- **Power distribution block:** Easily switches between partial or whole home backup. Also easily relocates loads from non-essential to essential (or vice versa), all in one enclosure.

- **Enhanced backfeed capability:** The 225 A-bus bars with 125 A-sub-mains in each section accommodate up to 145 A of solar/battery backfed capacity.

- **Embedded split bus:** Avoids additional subpanel and load relocation for essential loads (18 essential and 18 non-essential).

- **Industry-leading plug-on-neutral technology:** Consolidates industry-leading electronic circuit protection such as arc fault, ground fault, and dual function.

- **Surge protection device:** Device is factory installed and has a 50 kA surge current rating.

Schneider Pulse Specifications

Technical specifications	
Product type	Combination service entrance device
Range	QO™
Meter socket	Ringed, no bypass Meets EUSERC specifications
Service feed	Overhead/Underground (OH/UG)
Ampere rating	200 A Maximum
Bus bar rating	225 A
Short-circuit current	22 kA
Mounting	Semi-flush
Connections	Plug-on-neutral
Number of total spaces	44 (4 used by submains, 2 used by SPD, 2 used by monitor)
Number of usable spaces	36 (18 top interior, 18 bottom interior)
Battery charging sources	Solar, grid
Submain rating	125 A (both top and bottom interiors)
Maximum solar backfeed	145 A
Power distribution block	Factory installed
Backup controller (Microgrid Interconnect Device)	Available as factory or field installed
Dimensions (W x H x D)	14.3" x 51.9" x 9.7"
Catalog number	Schneider Pulse – CC18X18M200PCY Schneider Pulse CSED w/ Backup Controller – CC18X18M200PCZ
Optional Accessories	
Breaker Hold Down Kit	QOCRBGK2EC
Load Control	Wiser Control Relays 240 V 30 A (Q0200PWX240), 120 V

More advantages in one electrical panel

Faster and easier installation

Electrical system installation, commissioning, and maintenance is fast and easy, thanks to Schneider Pulse's interoperability and an intuitive installer app. Once installed, it's future-proof, ready for potential retrofits or upgrades.

Solar-, battery-, and EV-ready

It's the energy management system for integrating quickly and easily with high-capacity solar and storage systems. Use the online dashboard to monitor and troubleshoot remotely.

Title 24 and NEC 2020 compliant

Schneider Electric is committed to helping you keep your employees, equipment, customers, and reputation safe and protected. Schneider Pulse is Title 24 and NEC 2020 compliant with factory-installed surge protection.

From the brand you trust

Schneider Pulse is just one of the smart electrical solutions from Schneider Electric, designed to make your job easier and help you deliver more value to your customers. Our solutions are in 4 out of 10 homes in the U.S. because we've built a 100-year legacy of safety, reliability, and quality into every one of our electrical products.

Ready to give your customers what they want while making your job easier?

Visit se.com/pulse to learn how Schneider Pulse can simplify the way you add electrification options for your customers while minimizing the need for service upgrades.

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Schneider Electric
One Boston Place, Suite 2700,
Boston, MA 02108, United States