

Smart Main Panel

The next generation of home energy management.

Welcome to the future of home energy control. Your solution to aesthetically pleasing home upgrades and streamlined installations.

Introducing the Smart Main Panel—The ultimate solution for homeowners seeking simplified upgrades and installers pursuing streamlined installations. The Smart Main Panel, combined with the Tesla Powerwall 3, offers a cutting-edge solution for efficient installations and aesthetics, empowering professionals to deliver efficient, state-of-the-art service that resonates with the latest advancements in technology.

SMP REQUIRES AN APPROVED EXTERNAL AUTOMATIC TRANSFER SWITCH FOR BATTERY BACK UP

SMP is thoroughly designed with the Tesla Backup Switch in mind, allowing for the installation of up to 21kW solar in one inverter and battery. The Smart Main Panel is available in both the Overhead (SMP OH), Underground (SMP UG), and Overhead/Underground (OHUGAD) versions, easily managing the Smart Features with our partnership with Eaton through their app.

A COMMAND CENTER FOR THE MODERN HOME

- All-in-one unit streamlines and declutters your home's solar install
- Solar + battery systems integrate effortlessly
- Energy flow is optimized to save you money during peak grid rate times
- Smart Routing with Eaton smart features maximizes load capacity to power more appliances on one breaker



Eliminate Installation Hassles

SMP OH

Redefining household energy management from the ground up, SMP 200 OH connects various energy sources to the grid with ease.

Unified Integration Hub: SMP 200 OH brings together the meter, main panel, sub panel, backup switch, and load control into a singular, powerhouse unit. This streamlined integration not only simplifies installation and maintenance but also optimizes the use of space, reducing the complexities associated with traditional setups.

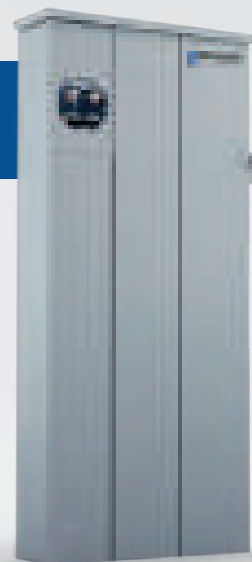
Insightful Energy Monitoring: With the Eaton Smart breakers, SMP 200 OH goes beyond conventional panels. It not only dissects load consumption but also offers precise control down to the device level when coupled with connected switches and outlets, providing you with invaluable insights into your energy usage patterns.

Effortless Solar, Battery, and EV Charger Integration: The integrated split-bus feature of SMP 200 OH eliminates the need for a critical load box. This not only simplifies the installation of solar, battery, and EV chargers but also offers the flexibility to seamlessly accommodate both partial- and whole-home backup configurations, adapting to your evolving energy needs.

Backup Command Center: The addition of the Tesla Backup Switch or Gateway orchestrates a seamless transition to backup power. Whether it's partial or whole-home backup, SMP 200 OH ensures an uninterrupted power supply, providing you with peace of mind during unforeseen outages.

Versatility in An All-In-One Metered Main Panel: This versatility allows for a tailored approach, adapting to various setups and offering customized solutions to meet your unique energy management requirements.

Advanced Load Center Compatibility: SMP 200 OH seamlessly pairs with Eaton's smart breakers, offering comprehensive load management for optimal performance.



SMP U.G

Discover the benefits of SMP U.G., an innovative system that empowers homeowners with enhanced control, engineered for exceptional solar energy efficiency and maximum power generation.

SMP U.G smoothly integrates necessary parts to provide optimal solar generation, great performance, and a simple installation process.

Insightful Energy Monitoring: With Eaton Smart Breakers, homeowners gain control and valuable insights into energy usage, enabling informed decisions for optimized solar generation.

Seamless Charger Integration Below Surface: Simplifying solar, battery, and EV charger installation, SMP U.G adapts to evolving energy needs, maximizing solar generation capabilities.

Backup Control Excellence: SMP U.G. facilitates smooth transitions for battery backup power, ensuring uninterrupted supply during outages, and giving homeowners ultimate control over their energy usage.

Advanced Load Center Compatibility: When coupled with an ESS transfer switch and integrated 12-space load center, SMP U.G. optimizes energy distribution for enhanced solar generation and overall system performance.



SMP 200 OHUGAD

Key features of SMP 200 OHUGAD, tailored for residential, ADU units.

Versatile Design: Ideal for overhead/underground connections, available in semi-flush.

Powerful Main Breaker: Two 100 Amp main breakers ensure efficient control and safety for residential energy needs.

Dual Metering Capability: Supports dual metering for both residential and ADU setups.

Durable Enclosure: Housed in a UL-certified Type 3R enclosure, providing reliability for indoor and outdoor use.

Dynamic Performance: Operates at 120/240V AC with a single-phase grid connection, offering consistent and reliable performance.

Optimized Ampacity Service: A 200A busbar rating and 22kaic short circuit current, enables seamless ampacity service.

Flexible Mounting Options: Offers versatile mounting choices - semi-flush, surface with a required doghouse - catering to diverse preferences.

Smart Connectivity: Compatible with up to 50A Eaton smart breakers, empowering homeowners with circuit-level control and smart home monitoring via a user-friendly mobile app.

Advanced Load Center Compatibility: Integrated with 2-125 Amp main breaker, 100A solar load center, and 200A variable load center for optimized load management.

Regulatory Compliance: NEC compliant, and UL listed (67:2018 Ed. 13 + R:31 Jul 2020) for added assurance.



Tesla Powerwall 3

Powerwall 3 is a fully integrated solar and battery system, designed to accelerate the transition to sustainable energy. Customers can receive whole home backup, cost savings, and energy independence by producing and consuming their energy while participating in grid services. Once installed, customers can manage their system using the Tesla App to customize system behavior to meet their energy goals. Powerwall 3 achieves this by supporting up to 20 kW DC of solar and providing 11.5 kW AC of continuous power per unit. It can start heavy loads up to 150 A LRA, meaning a single unit can support the power needs of most homes. Powerwall 3 is designed for mass production, fast and efficient installations, easy system expansion, and simple connection to any electrical service.



Whole Home Backup: Ensures seamless power supply during outages for the entire home.

Cost Savings and Independence: Produces, consumes, and manages energy for reduced costs and self-sufficiency.

Customizable Control: Manage system behavior through the Tesla App, aligning with your energy goals.

High Power Output: Supports up to 20 kW DC solar input and delivers 11.5 kW AC continuous power.

Efficient Load Support: Starts heavy loads up to 150 A LRA, catering to various home power needs.

Mass Production Efficiency: Designed for quick installations, expansion, and seamless connection to any electrical service. Technical Specs: Solar Input: 20 kW max, 6 MPPTs

Battery: 13.5 kWh AC, 11.5 kW AC discharge, 5 kW AC charge

Environmental: -20C to 50 C NEMA 3R enclosure

Certifications: UL 1642, Class B. RoHS, and more.

Eaton Smart Home Solutions:



Unlock smart living with Eaton's Wi-Fi devices & Brightlayer Home App

- Efficiency: Real-time insights, cost-saving schedules.
- Setup: No hubs, simple installation.
- Control: Manage energy effortlessly.
- Security: Get alerts, and enhance home safety.

Brightlayer Home App: Smart Living Made Simple

- Remote Control: Manage from anywhere.
- Personalization: Set scenes, and schedules.
- Integration: Works with Alexa, and Google Home.
- Installation: No hubs, LED-guided, automatic updates.

Peace of Mind & Savings

- Energy Efficiency: Save money, boost security.
- How to Install: Experience simplicity with Eaton's smart devices.





Upgrade to the Smart Main Panel for streamlined Energy Management

With scalability at its core, the Smart Main Panel adapts to your changing needs, offering a hassle-free installation process and load-control capabilities that optimize energy usage and reduce the need for service upgrades. Manage your home's energy remotely through an intuitive online dashboard and enjoy unified support from a single-source provider.

Invest in a Smarter Future – Choose Smart Main Panel!

The Smart Main Panel is your all-in-one solution for advanced energy management. Whether you're a homeowner seeking efficiency or an installer streamlining solar setups, our Smart Main Panel offers unmatched benefits:

- A built-in solar load center for seamless integration with renewable energy sources.
- Built-in disconnect for enhanced safety and control.
- Manual load transfers for flexibility and reliability.
- Compatibility with all Smart Breakers, ensuring a future-proof system.

Why Choose Smart Main Panel?

For customers who choose Eaton Smart Breakers:

- Effortlessly monitor and manage energy usage in real time.
- Optimize electricity consumption for cost savings.
- Identify inefficient appliances.

For installers:

- Streamline installations with a comprehensive solution.
- Benefit from built-in features for safety and convenience.
- Ensure compatibility with a range of Smart Breakers.
- Simplify sourcing, operation, and support with a single vendor partner.

Become a Smart Main Panel Distributor

Experience seamless solar + battery installations with our innovative Smart Main Panel. Engineered for efficiency and cost-effectiveness, it's designed to simplify the process while offering advanced smart features that customers will love. Upgrade today and revolutionize your energy management!

Get started today!



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