ECOFLOW

Smart Home Panel

Scenario Introduction

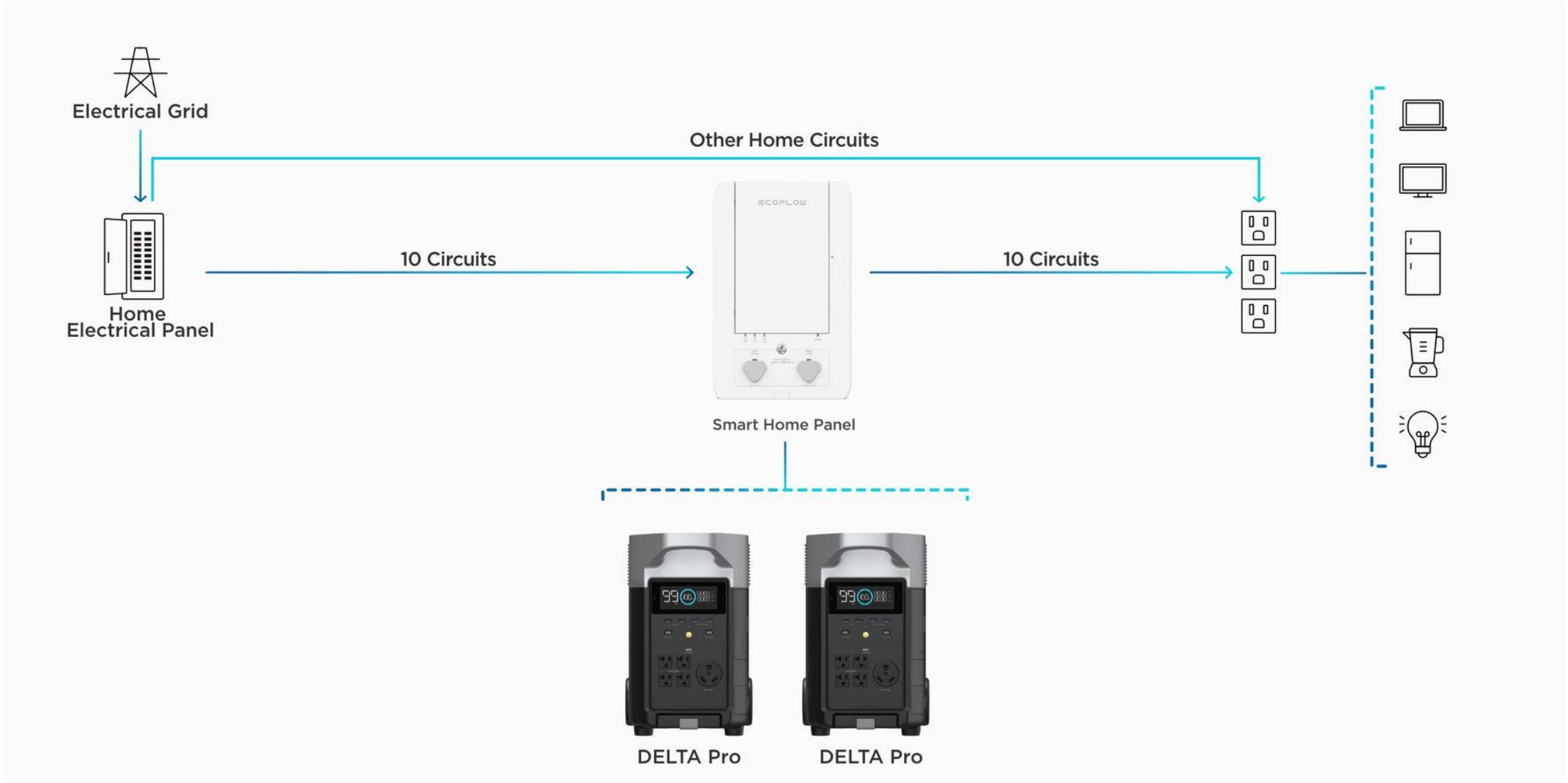
When a Blackout Hits…

- Require a constant source of fuel
- Are noisy, heavy and need to be set up outside your home
- Tend to be home-integrated, and may need an electrician for installation

- Limited capacity. Lasts from a few hours to 1 or 2 days
- Quiet, fume-free and can be used indoors
- Not home-integrated, portable and lightweight

Integrated Home Power

With the Smart Home Panel



Introducing the Smart Home Panel

EcoFlow Smart Home Panel

- Home-integrated with the DELTA Pro, plug-and-play home battery ecosystem.
- **Home backup**: uninterrupted backup power for essential home appliances.
- **Energy management:** control and monitor connected loads for better energy usage.

Portable

Home Battery System

The Smart Home Panel connects DELTA Pro with **up to 10 critical home circuits**, which provides essential load backup and peace of mind. Once integrated, the DELTA Pro can be used as a portable power station for outdoor recreation as well as part of your home power backup system and for energy management. **Begin with 3.6kWh** and customize your needs with its expandable design.

Uninterrupted Home Backup

Keep Your Family Safe during a Power Outage

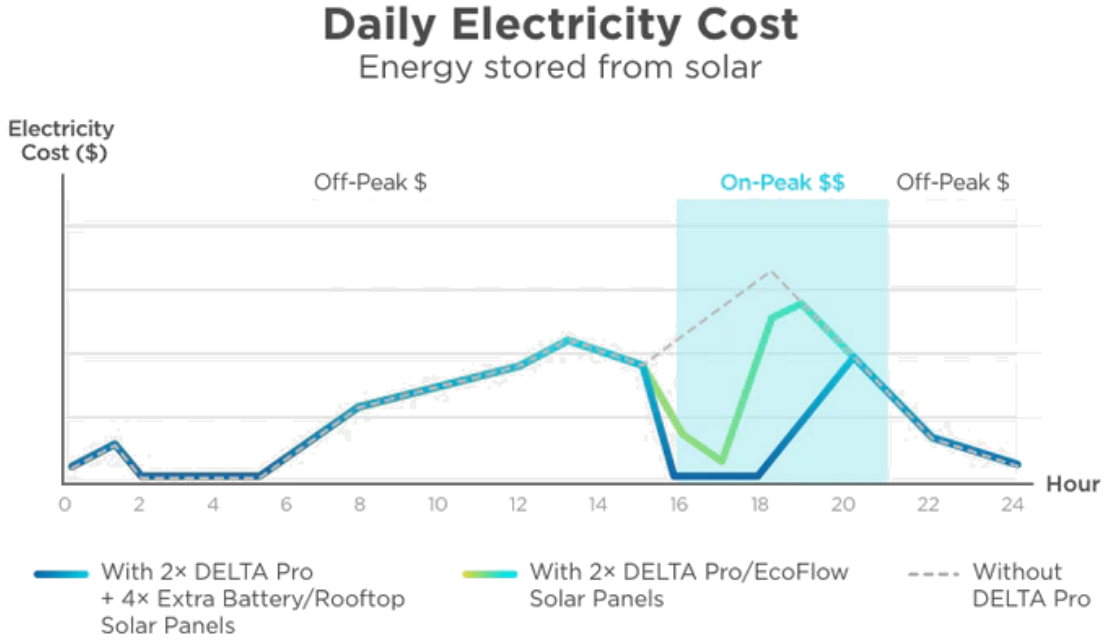
The home backup system has less than a 20 millisecond switchover time. Integration with the DELTA Pro ecosystem gives you an **expandable capacity from 3.6-25kWh**, and an **output of 3600W-7200W** that immediately kicks in when a blackout hits.

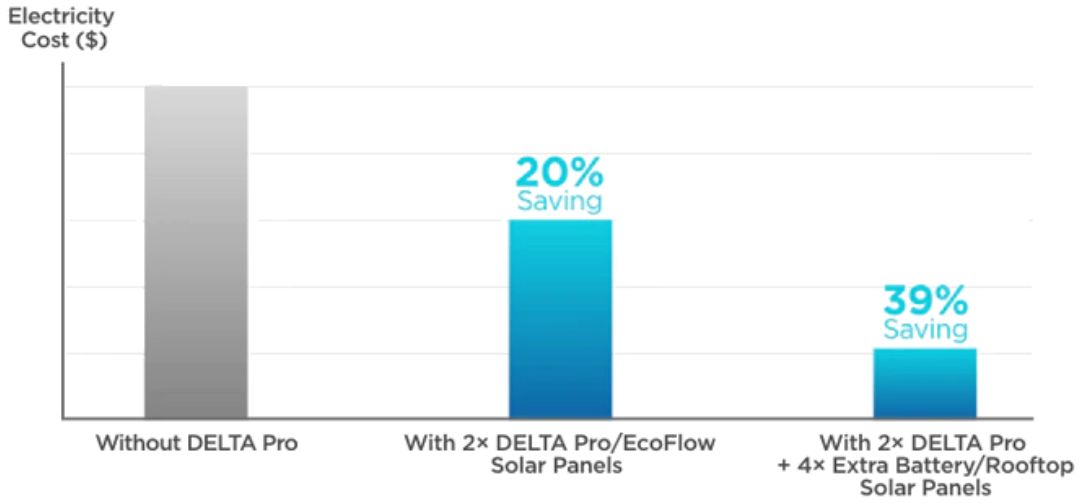
Store and Manage Energy

Cut Bills & Save Money

- **Combat Time-of-Use Rates:** this system stores energy during off-peak hours using low-cost grid electricity or renewable energy and uses it during peak hours. The SHP can **save up to 40% on your energy bills****.

- Since you can control each connected circuit, you can view a full breakdown of your energy consumption using the EcoFlow App.





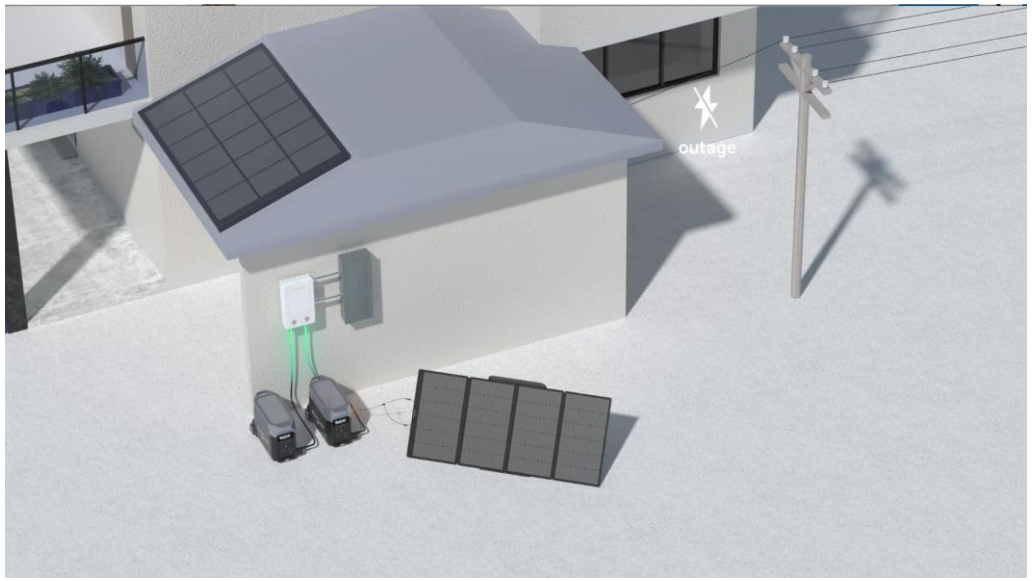
*Calculation based on a PG&E TOU summer season rate plan.
** Based on a 21.6Wh DELTA Pro ecosystem setup

Achieve Self-sufficiency

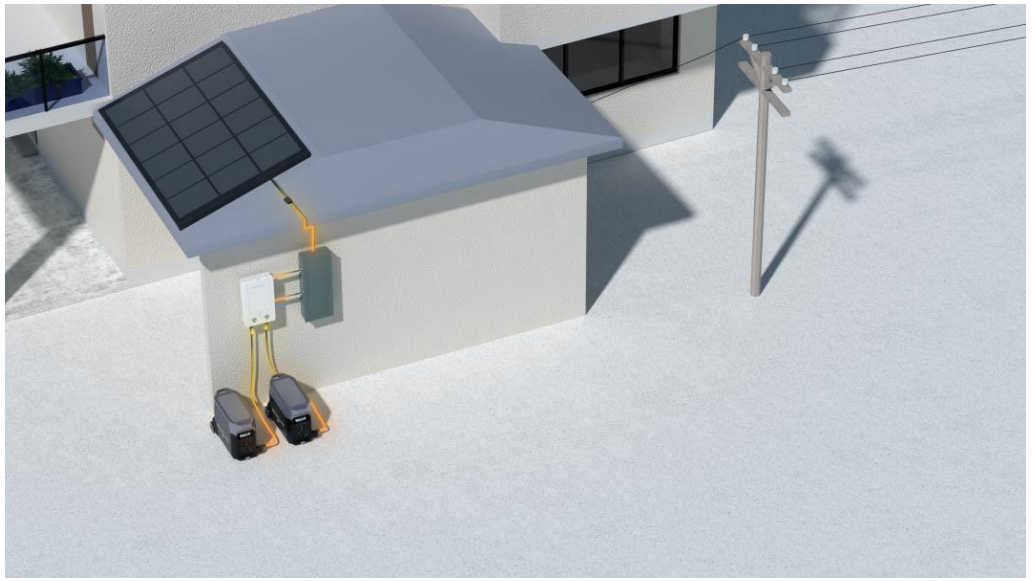
With Solar Energy

- With 1600W solar input, each DELTA Pro can fully charge in 2.8-5.6 hours, or benefit from existing AC-coupled solar panel system with 3400W AC input.

- You'll never run out of power. Diversifying energy sources by using solar and gas can prevent energy disruptions and strengthen energy security.



With portable solar panels



With AC-coupled solar panels

Specifications

Product Name	EcoFlow Smart Home Panel
AC Voltage	240V
Grid Frequency	60Hz
# of Switchable Circuits	10
Rated Relay Module Current	EU: 13A, 16A UK: 6A, 16A, 30A
AC Output	3600W / 7200W
Charging Input	3400W for each DELTA Pro
Max Battery Energy	21.6kWh
Installation	Wall mount, to be installed by a licensed electrician
Ingress Rating	IP20
Warranty	3 years
Dimensions	18.1 x 11.8 x 4.7 in / 460 x 300 x 120 mm
Weight	20 lb / 9 kg

*This product does not provide an AFCI (Arc Fault Circuit Interrupter) function. All upstream breakers should be non-GFCI/AFCI. GFCI and AFCI protection should be downstream of the SHP using GFCI/AFCI breakers or outlets.

Specifications

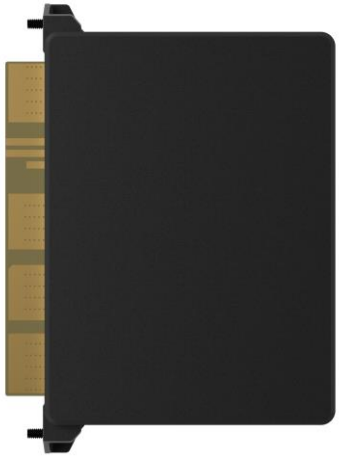
1 DELTA Pro Connected

AC Voltage	Single phase 220V-240V
Max Backup Power	3600W
Charging AC Input (for DELTA Pro)	3400W
Max Solar Input	1600W
Battery Energy	3.6kWh / 7.2kWh / 10.8kWh
Expandable Capacity	Each DELTA Pro supports up to 2 DELTA Pro Extra Batteries or Smart Generator(s)

2 DELTA Pros Connected

AC Voltage	Single phase 220V-240V
Max Backup Power	7200W
Charging AC Input (for DELTA Pro)	6800W
Max Solar Input	3200W
Battery Energy	7.2kWh / 10.8kWh / 14.4kWh /18kWh / 21.6kWh
Expandable Capacity	Each DELTA Pro supports up to 2 DELTA Pro Extra Batteries or Smart Generator(s)

Specifications



Product Name	Relay Module (Smart Home Panel)
Rated Relay Module Current	EU: 13A, 16A UK: 6A, 16A, 30A
Rated Voltage	250V~
Rated Current of Normally Closed Contact	40A
Rated Current of Normally Closed Contact	30A
Overload Current	60A
Overload Time	1 min

Choosing Relay Modules

Load planning: With a Smart Home Panel, selective loads are installed where they will be the most effective during power outages or energy savings management. Consider areas that would significantly affect comfort, such as refrigerator and lights, and choose the maximum of 10 selective loads from your breaker panel based on their efficiency in load.

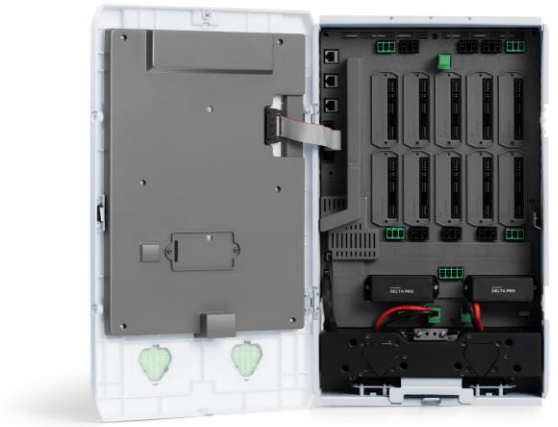
Collect the load info: Determine the number and current rating of the load circuits that you plan to connect. Consult your electrician if you need support with this.

Determine the relay modules needed: Choose the relay module that matches the current rating for the circuit breaker upstream of that load circuit. Recommended relay modules for regions: 13A, 16A for EU; 6A, 16A, 30A for UK.

- Easy installation & replacement
- Different current ratings for different connected loads

Installing the Relay Modules

1. Remove the screws on the bottom, side, and top of the Smart Home Panel and remove the front panel.



2. Install the relay module in the spot that corresponds with the circuit you plan to use.

3. Secure the relay module by tightening the two screws.

4. Close and secure the front panel to complete the relay installation.

Pricing

Smart Home Panel

MSRP $1,599

(relay modules included)

Smart Home Panel + DELTA Pro Bundle

MSRP $4,999

(relay modules included)

Relay Module

MSRP $29/pc

(install up to 10pcs for each SHP)

Our Advantages

DELTA Pro + Smart Home Panel

VS

Tesla Powerwall + Backup Gateway

LG RUSU Energy Storage Solution

Adaptable: A flexible home battery system that meets the needs of both portable and fixed use. Build up your own energy storage with expandable battery options from 3.6kWh-21.5kWh.

Control in Each Load: Get more precise data and control for each connected load and allow for customizable strategy for energy management.

Easy installation: Easy and affordable to install, the cost and complexity is similar to install a sub panel at home.

Competitive Analysis

Model	EcoFlow DELTA Pro	Tesla Powerwall	LG RESU6.5	Generac PWRcell
Price (MSRP)	$3,599 $999/kWh	$10,500 $777/kWh	~$5,325 $902/kWh	~$9,999 $1,162/kWh
Battery Capacity	3.6kWh-21.6kWh	13.5kWh, up to 10 x Powerwall (135kWh)	5.9kWh, up to 2 units	8.6kWh, up to 36kWh
Backup Power	3.6kW / 7.2kW	5kW	4.2kW	3.4kW
AC Input	3.4kW (for each DELTA Pro)	3.3kW	4.2kW	
Solar Input	1.6kW, 11-150V, 15A	3.3kW	4.2kW	10kW
Power Sources	Grid, solar, gasoline, EV station, car charging	Grid, solar	Grid, solar	Grid, solar
Battery chemistry	LFP, 6500 cycles to 50% capacity	Lithium-ion NMC	Lithium-ion NMC, 6000 cycles	Lithium-ion
Ingress rating	IP20	IP67 (Battery & Power Electronics) IP56 (Wiring Compartment)	IP55	Indoor / Outdoor
Dimension	25 x 11.2 x 16.4 in / 635 x 285 x 416 mm	45.3 x 29.6 x 5.8 in / 115 x 753 x 147 mm	25.8 x 17.8 x 4.7 in / 656 x 452 x 120 mm	68 x 22 x 10 in / 1727 x 559 x 254 mm
Weight	99 lb / 45 kg	251.3 lb / 114 kg	114.6 lb / 52 kg	276 lb / 125kg

Thank You