

Specifications



Smart Home Panel 2

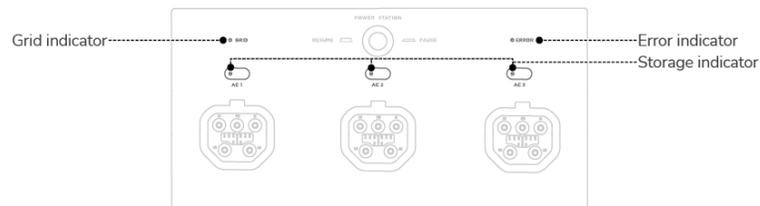
The EcoFlow Smart Home Panel 2 is an intelligent sub panel offering from EcoFlow. It features intelligent functionality, enabling it to seamlessly switch between grid power and battery power. This automatic transfer is designed to provide a comprehensive power backup solution for the entire house.

What is a sub panel?

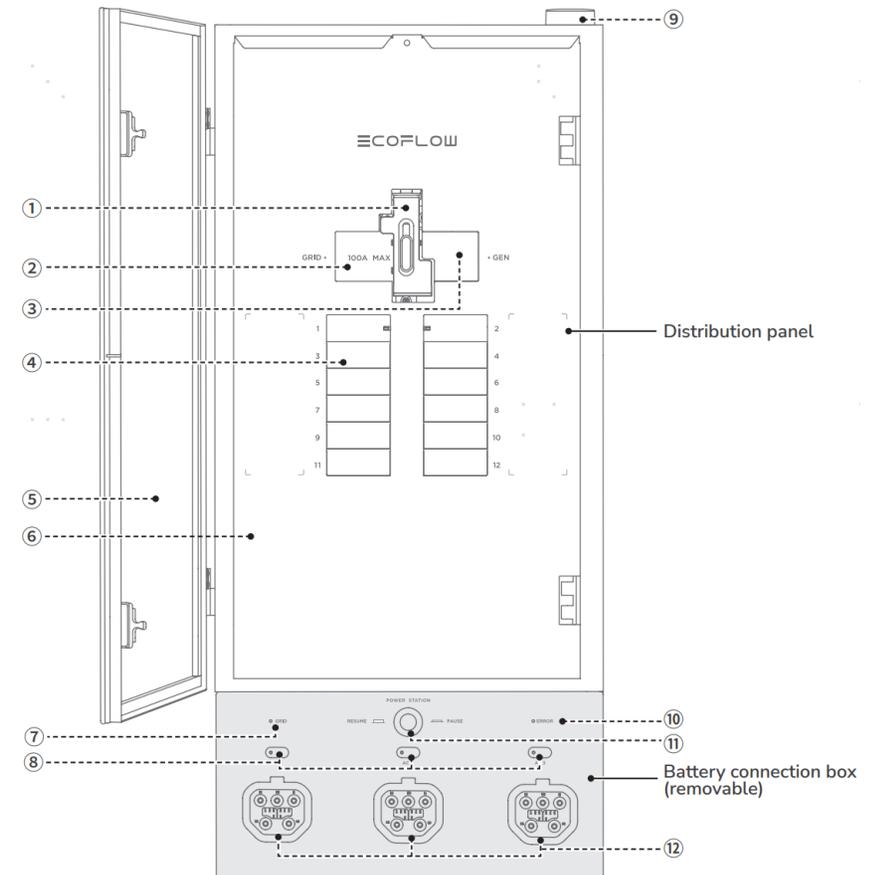
A subpanel, often used in electrical systems, is a smaller service panel that branches off from the main service panel of a building. Its primary function is to distribute power to specific areas or circuits, allowing for more localized control and easier access for circuit management.



Surface of Smart Home Panel 2



Indicator	Status			Description
	Symbol	Color	Pattern	
Grid indicator	○	White	Solid	Power grid is on
	⦿	Red and white	Alternate blinking	Power grid is faulty
	●	Red	Solid	Grid voltage is not detected
Storage indicator (AC1/AC2/AC3)	●	Green	Solid	Feeding electricity to loads
	⦿	Green	Breathing	Standby
	●	Yellow	Solid	Charging
	●	Red	Solid	Error
Error indicator	●	Dim	Off	No system error
	●	Red	Solid	System error



- ① Interlock (can be slid up/down to ensure that only one main circuit breaker to be in the ON position at any time)
- ② Main circuit breaker (grid)
- ③ Main circuit breaker (generator)
- ④ Branch circuit breaker
- ⑤ Glass door
- ⑥ Deadfront cover
- ⑦ Grid indicator
- ⑧ Power input/output button and storage indicator
- ⑨ Antenna (works with the EcoFlow app)
- ⑩ Error indicator
- ⑪ Emergency stop button
- ⑫ Power input/output port

Specification



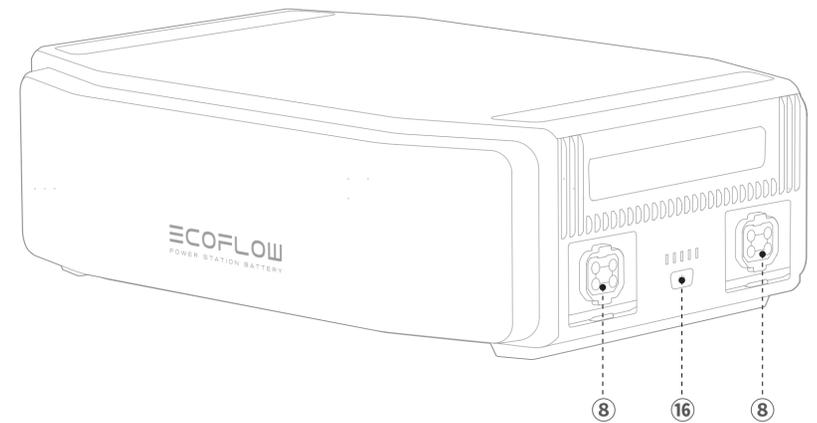
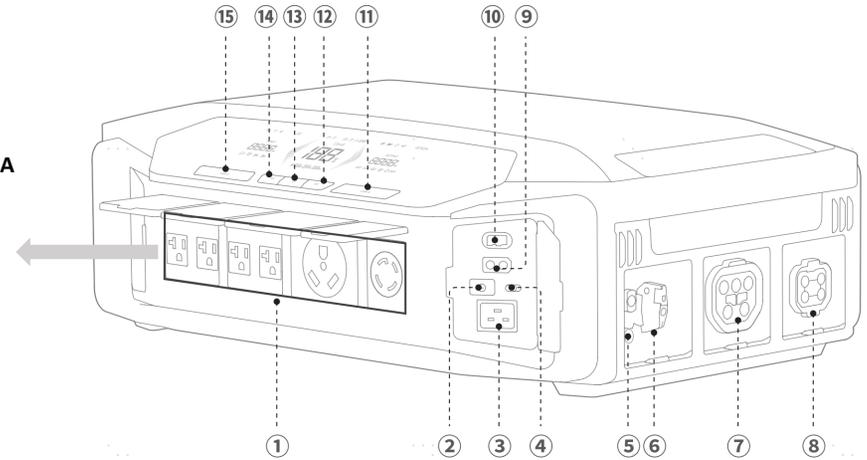
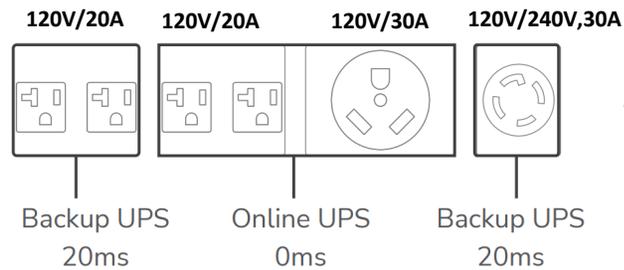
AC voltage (nominal)	120V/240V
Feed-in type	Split phase
Maximum current rating	100A panel / 90A storage
Busbar rating	120A
Maximum input short-circuit current	10kA
Operating temperature	-30°C to 50°C (-22°F to 122°F)
Operating humidity	Up to 100% RH, condensing
Altitude	≤ 2,000 m (6,562 ft)
Overvoltage category	IV
Enclosure type	NEMA TYPE 3R rainproof (distribution panel) NEMA TYPE 1 (battery connection box)
Number of load branches	12
Communication	Ethernet, Wi-Fi, and Bluetooth®
Wi-Fi	Frequency range: 20M: 2412 - 2472 MHz 40M: 2422- 2462 MHz Maximum output power: ≤ 16.5 dBm
Bluetooth®	Frequency range: 2402-2480MHz Maximum output power: ≤ 8.76 dBm
Weight	52.9 lb (24 kg)
Dimensions	32.4 x 14.9 x 6.7 in. (823.7 x 379 x 170 mm)
Compatible generator	120V single phase / 240V split phase (3-12kW)

Delta Pro Ultra

The Delta Pro Ultra is EcoFlow's largest battery system. For the first time, EcoFlow has designed a system with separate battery and inverter components. This separation results in a greater number of outlets and more versatile ways to utilize the battery, allowing users to tailor the system according to their specific power requirements.



Surface of Delta Pro Ultra



EN

- ① AC output sockets
- ② Ground screw
- ③ AC charging input port
- ④ AC charging speed switch
- ⑤ High-PV input port
- ⑥ PV switch
- ⑦ Power input/output port
- ⑧ Battery port
- ⑨ Low-PV input port
- ⑩ DC output port
- ⑪ USB-A output port
- ⑫ DC power button
- ⑬ Power button
- ⑭ AC power button
- ⑮ USB-C 100W output port
- ⑯ Power button

Inverter Specification

Model	EFYJ751-PCS-US		
Net Weight	31.7 kg (70 lb)	USB Ports	USB-A (× 2): 5V=2.4A, 12W max per port, total 24W USB-C (× 2): 5/9/12/15/20V=5A, 100W max per port, total 200W
Dimensions	690 × 481 × 214 mm (27.2 × 18.9 × 8.4 in.)	DC Output	12.6V=30A, 378W max
Wi-Fi	Frequency range: 2,412-2,462MHz/2,422-2,452MHz Maximum output power: 0.3597W	Input	
Bluetooth	Frequency range: 2,402-2,480MHz Maximum output power: 0.0109W	AC Input	Charging: 100-120V~15A; 200-240V~12.5A, 50/60Hz Bypass: 100-120V~15A, 50/60Hz (duration < 3hrs when the current exceeds 12A)
Output		Power Input/Output	100-120~30A; 200-240V~30A, 50/60Hz
AC Output	Discharging: Pure sine, 7,200W total, 120V/240V~ 60Hz Bypass: 100-120V~30A total, 50Hz/60Hz	High-PV	80-450V=15A max, 4,000W max
Temperature	Discharging temp: -20°C to 45°C (-4°F to 113°F) Charging temp: -20°C to 45°C (-4°F to 113°F) Storage temp: -20°C to 45°C (-4°F to 113°F) (optimum: -20°C to 45°C(68°C to 86°F))	Low-PV	30-150V=15A max, 1,600W max
Altitude	≤3,000 m (9,842 ft.)		
IP Rating	IP54		
Noise Level	<30 dB		
UPS	Backup UPS <20 ms; online UPS 0 ms		

Inverter



Battery

Battery Specification

Net Weight 52.7 kg (116.4 lb)

Dimensions 660 × 455 × 204 mm (26 × 18 × 8 in.)

Capacity 102.4V=60A, 6,144Wh

Battery

Cell Material LFP

Cycle Life The battery maintains 80%+ SOH (state of health) after 3,500 cycles at 0.5C/0.5C at 25°C (77°F)

Protection type Overvoltage protection, overload protection, overtemperature protection, short circuit protection, low temperature protection, low voltage protection, overcurrent protection

Other

Temperature Discharging temp: -20°C to 45°C (-4°F to 113°F)
Charging temp: -20°C to 45°C (-4°F to 113°F)
Storage temp: -20°C to 45°C (-4°F to 113°F) (optimum: -20°C to 45°C(68°C to 86°F))

Altitude ≤3,000 m (9,842 ft.)

IP Rating IP54

Inverter

Battery



Accessories

What's in the inverter box?



EcoFlow DELTA Pro Ultra Inverter



EcoFlow Portable Stand



Side Mount Casters



Solar to Low-PV Port Charging Cable



EcoFlow AC Charging Cable



Disassembly and Assembly Tool

Accessories

What's in the battery box?



EcoFlow DELTA Pro Ultra Battery



Battery Connection Cable
(DELTA Pro Ultra)

Accessories

Accessories (Optional)



EcoFlow 50 Amp Hub



EcoFlow Trolley (DELTA Pro Ultra)



EcoFlow 4G Dongle PPS (NA)



EcoFlow EV X-Stream Adapter



EcoFlow AC Generator Charging Adapter

Accessories

