

EcoFlow DELTA Pro Ultra

Specifications

EcoFlow DELTA Pro Ultra is a residential power backup system designed for both extended outages and daily use. With an unrivaled capacity of 6kWh, 7200W output, and 5.6kW solar input, a single unit can run your entire home. With EcoFlow Smart Home Panel 2, get an uninterrupted power backup experience with automatic switch-over, energy consumption monitoring, and lower electricity bills. With its stackable design, expand EcoFlow DELTA Pro Ultra storage and output in only minutes. Compatible with various energy sources, from solar to gas, to meet your ever-changing power needs.



Whole home backup system

- Capacity range from 6kWh to 90kWh
- 7.2kW to 21.6kW continuous AC output

Uninterrupted Power

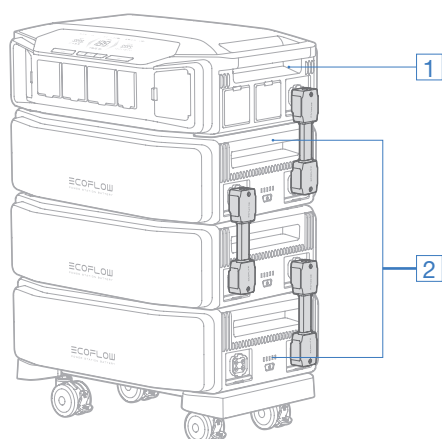
20ms Backup and 0ms Online UPS tech

0-dB under 2200W

Silent oasis with 0 dB noise level under 2,200W for ultimate tranquility

X-Cooling Vents

Proprietary cooling structure



① EcoFlow DELTA Pro Ultra Inverter

| General Information | |
|-------------------------|--|
| Product Name | Power Station Inverter |
| Model | EFYJ751-PCS-US |
| Net Weight | Approx. 31.7 kg / 70 lb |
| Dimensions (W × D × H) | Approx. 690 × 481 × 214 mm (27.2 × 18.9 × 8.4 in.) |
| IP Rating | IP54 |
| Noise Level | <30 dB |
| UPS | Backup UPS <20 ms, online UPS 0 ms |
| Output | |
| AC Output | (Discharging only) Pure sine, 7,200W total, 120/240 V~ 60 Hz; (Bypass) 100-120V~30A max, 50/60 Hz |
| USB Port | USB-A: 5V~2.4A, 12W max per port, total 24W USB-C: 5/9/12/15/20V~5A, 100W max per port, total 200W |
| DC Output | 12.6V~30A, 378W max |
| Input | |
| AC Input | (Charging only) 100-120V~15A; 200-240V~12.5A, 50/60 Hz; (Bypass) 100-120V~ 15A, 50/60 Hz (duration < 3hrs when the current exceeds 12A) |
| Power Input/Output Port | 100-120V~30A, 200-240V~30A, 50/60 Hz |
| High Voltage PV Input | 80-450V~15A max, 4,000W max |
| Low Voltage PV Input | 30-150V~15A max, 1,600W max |
| Environment | |
| Discharging Temperature | -20°C-45°C (-4°F-113°F) |
| Charging Temperature | -20°C-45°C (-4°F-113°F) |
| Storage Temperature | -20°C-45°C (-4°F-113°F) (optimum at 20°C-30°C/68°F-86°F) |
| Altitude | ≤3,000 m (≈9,842 ft) |

| Communications | |
|----------------|---|
| Method | CAN & Bluetooth & Wi-Fi & Ethernet & 4G |
| Wi-Fi | Frequency range: 2,412-2,462 MHz/2,422-2,452 MHz Maximum output power: 0.3597W |
| Bluetooth | Frequency range: 2,402-2,480 MHz Maximum output power: 0.0109W |
| Other | |
| Compatibility | EcoFlow DELTA Pro Ultra Battery EcoFlow 50 Amp Hub EcoFlow Smart Home Panel 1 |

② EcoFlow DELTA Pro Ultra Battery

| Model | |
|-------------------------|---|
| Product Name | Rechargeable Li-ion battery pack |
| Model | EFYJ751-BP |
| Weight | Approx. 50.7 kg (111.8 lbs) |
| Dimensions | Approx. 660 × 455 × 204 mm (26 × 18 × 8 in.) |
| IP Rating | IP54 |
| Battery | |
| Capacity | 102.4V≈60A, 6,144Wh |
| 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 |
| Environment | |
| Discharging Temperature | −20°C-45°C (−4°F-113°F) |
| Charging Temperature | −20°C-45°C (−4°F-113°F) |
| Storage Temperature | −20°C-45°C (−4°F-113°F) (optimum at 20°C-30°C/68°F-86°F) |
| Altitude | ≤3,000 m (≈9,842 ft) |