

# 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, 7,200W 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

### 0-dB under 2,200W

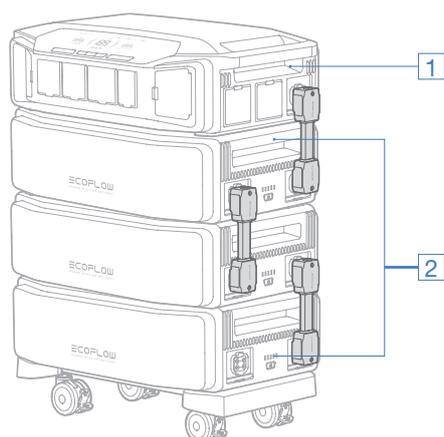
Silent oasis with 0 dB noise level under 2,200W for ultimate tranquility

### Uninterrupted Power

20 ms Backup and 0 ms Online UPS tech

### 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	31.7 kg / 70 lb
Dimensions (W × D × H)	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, 120/240V~ 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	50.7 kg (111.8 lbs)
Dimensions	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)