

EcoFlow TRAIL Series

DC Portable Power Station

The Most Compact Camping Power Station



2025/Retail Management Department

Note: Data Collected by July 2025

Product Lines



Whole-home Backup

DELTA Pro Series
Smart Home Panel Series



Essential Backup

DELTA Series
RIVER Series



Outdoor Camping

Power Kits Series
Alternator Charger Series
WAVE Series
GLACIER Series
TRAIL Series



Power-On-the-Go

RAPID Pro Series
RAPID Series
RAPID Mag Series

What is TRAIL Series?

The EcoFlow TRAIL Series DC Portable Power Station is a new kind of outdoor power-ultra-lightweight, compact, and purpose-built for camping, hiking & photography, outdoor gatherings, and recreational fishing.



192Wh Capacity | 220W DC Output
60% More Compact
4 Ports (Incl. 1 × 140W Fast-charging Port)
Compact and Reliable for Light-duty Use



288Wh Capacity | 300W DC Output
48% More Compact
5 Ports (Incl. 2 × 140W Fast-charging Ports)
High-performance with Expanded Connectivity



288Wh Capacity | 300W DC Output
52% More Compact, 36% Lighter
6 Ports (Incl. 3 × 140W Fast-charging Ports)
Ultimate Versatility with Built-in Lighting and Cable

What is TRAIL Series?

Tent Camping | Hiking & Photography | Outdoors Parties | Recreational Fishing | Gaming & Streaming



What Makes TRAIL the Perfect Fit for Camping Power?

VS DC Portable Power Stations

1. More Lightweight & Compact
2. Better Suited for Outdoor Use
3. More Rugged & Durable

VS Traditional Portable Power Station (With AC)

1. More Lightweight & Portable
2. More Compact Fits in the Backpack
3. More USB-C Ports to Charge Common Outdoor Devices

VS Power Bank

1. Massive Capacity
2. Multiple Ports for Shared Charging
3. Sufficient Output Power for Diverse Devices



What Makes TRAIL the Perfect Fit for Camping Power?

Lightweight and Compact

Power is never stuck at camp or in your vehicle. Take TRAIL wherever adventure leads—even to the most remote trails.



Efficient DC Output

Up to 300W total DC output, power up 90% camping essentials. Direct current delivers maximum efficiency for your outdoor needs.



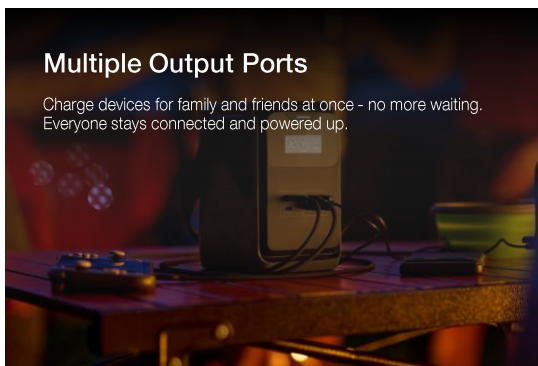
Extended Capacity

Up to 288Wh (90,000mAh) of reliable storage—enough to charge your phone 16 times and provide ample energy for a whole weekend of camping.



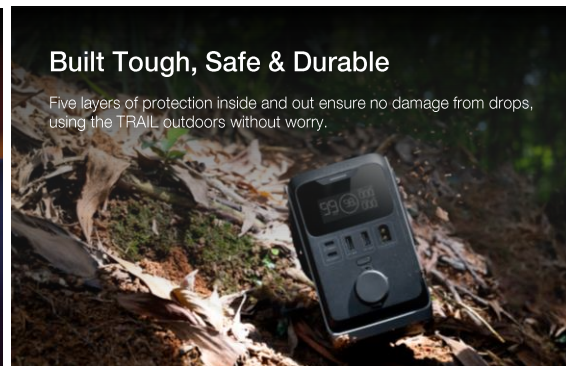
Multiple Output Ports

Charge devices for family and friends at once - no more waiting. Everyone stays connected and powered up.



Built Tough, Safe & Durable

Five layers of protection inside and out ensure no damage from drops, using the TRAIL outdoors without worry.





It Fits.
Take it to Every Adventure.

Ultra-compact & Lightweight

Take the ultra-compact TRAIL Series anywhere-no hassle, no extra weight. Experience true freedom outdoors, without being held back.



	TRAIL 200	TRAIL 300	TRAIL Plus 300	RIVER 3
Net Weight	4.0lb	5.7lb	5.0lb	7.8lb
Dimension (H*W*D)	6.57 × 4.53 × 4.96in	6.57 × 4.53 × 6.54in	8.11 × 4.53 × 4.84in	4.45 × 10.04 × 8.35in

*TRAIL 200 DC is 48% lighter and 60% smaller than EcoFlow RIVER 3 in the similar capacity range.

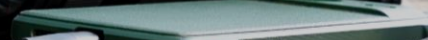
Portable Design, Built for the Outdoors

Choose your carry style—grab, sling, or pack it away with ease. The compact three-in-one design combines a detachable 140W charging cable handle and a built-in multi-function camping light* with the power station, giving you everything you need for tent camping nights in one device.



*Detachable 140W charging cable handle and multi-function camping light are available on TRAIL Plus 300 only.

It Powers.
All Your Gear, Every Moment.



Essential DC Power, No Excess Bulk

Pure DC power delivers up to 300W total output (140W max per port, including a 12V car outlet)*-enough for 90% of essential outdoor gear like lights, cameras, tablets, projectors, speakers, electric coolers, and more. Perfect for all your light camping power needs.

Enhanced Output Efficiency

Discharge efficiency up to **95%**.
12% higher than AC systems.

Minimal Power Loss

Ultra-low **0.01W** no-load consumption.
99.8% less standby waste.

Extended Standby Performance

Monthly standby drain \leq **5%**.
200% better power retention than AC units.

*Refers to TRAIL 300 & TRAIL Plus 300. TRAIL 200 provides 220W total output and does not include a 12V car outlet.

Efficient DC Power for Longer Adventures



Appliances Run Time

Scenario	Appliance	Units	TRAIL 200 (192Wh)	TRAIL 300/Plus 300 (288Wh)
Tent Camping	Camping Lantern	Working Hours	29	44
	Projector	Times	4	6
	Air Pump	Times	36	54
	Portable Wi-fi Router	Working Hours	6	9
Hiking and Photography	Phone	Times	11	16
	Camera	Times	26	39
	Drone	Times	8	12
	Headtorch	Times	31	46
	Communicator	Times	38	57
Recreational Fishing	Mini Fan	Working Hours	67	101
	Fishing Light	Working Hours	/	15
	Fish Finder	Working Hours	/	22
	Electric Cooler	Working Hours	7.5	23
Outdoor Parties	Phone	Times	11	16
	LED Strip	Working Hours	48	71
	Speaker	Times	10	15
Gaming and Streaming	Projector	Times	4	6
	Tablet	Times	6	8
	Laptop	Times	3	5
	Portable Wi-fi Router	Working Hours	6	9
	Handheld Console	Times	4	6

A group of three hikers is captured in a lush, green forest. They are standing on a large, flat rock. The hiker on the left is wearing a blue t-shirt, green shorts, a black cap, and sunglasses, holding a GoPro on a tripod. The hiker in the middle is wearing a yellow crop top and pink shorts, also holding a GoPro on a tripod. The hiker on the right is wearing a grey jacket, purple shorts, and sunglasses, holding a GoPro on a tripod. The background is filled with tall pine trees and a clear blue sky.

It Connects.
Shared Power, Shared Vibes.

One Powerhouse for All

With up to 288Wh (90,000mAh)* capacity—equal to 9 power banks in one—TRAIL powers everyone's devices with ease.

No more fighting over a single charger at group hangouts. Keep the party powered and the vibes going with the TRAIL Series.



TRAIL 200



TRAIL 300



TRAIL Plus 300

	TRAIL 200	TRAIL 300	TRAIL Plus 300
Capacity	192Wh (60,000mAh)	288Wh (90,000mAh)	288Wh (90,000mAh)
Energy Equivalent (10,000mAh Power Bank)	6	9	9



*Refers to TRAIL 300 DC / TRAIL Plus 300 DC. TRAIL 200 DC has a capacity of 192Wh (60,000mAh).

Power Up All Devices at Once

With up to 300W total output*, the TRAIL Series offers multiple ports to charge all your devices at the same time—including a 140W PD 3.1 port for ultra-fast laptop charging and a car port for standard 12V devices.



	140W USB-C (in & out)	100W USB-C (in & out)	12W USB-A	12V Car Port
TRAIL 200	1	1	2	/
TRAIL 300	2	/	2	1
TRAIL Plus 300	3	/	2	1



* Refers to TRAIL 300 DC / TRAIL Plus 300 DC. TRAIL 200 DC has a total output of 220W.

3 Charging Options-Outdoor Power Anytime, Anywhere

Recharge your TRAIL Series with USB-C (140W), solar panel (110W), or car charging (100W) for reliable power in any outdoor scenario. Pair with our 28W, 45W, or 60W foldable solar panels-compact enough to fit in your backpack for worry-free extended adventures.



	TRAIL 200	TRAIL 300	TRAIL Plus 300
USB-C Charging	140W PD USB-C + 100W PD USB-C 0-80% in 57min	2 × 140W PD USB-C 0-80% in 69min	1 × 140W PD USB-C 0-80% in 114min
Solar Charging	/	110W Solar Panel 0-80% in 2.4hr	110W Solar Panel 0-80% in 2.4hr
Car Charging	/	0-80% 2.6hr	0-80% 2.6hr

*Based on theoretical calculation.

EcoFlow Next Generation Mini Portable Power Panels

Extremely Compact | Up to 25% Conversion Rate | Design for Hanging | IP68 Waterproof Rating



NEW
Products



Model	28W Portable Solar Panel	45W Portable Solar Panel	60W Portable Solar Panel
Port	USB-A/USB-C	USB-C/DC5521 to XT60i	USB-C/DC5521 to XT60i
Solar Output	28W	45W	60W
Cell Type	N Type TOPCon monocrystalline silicon	N Type TOPCon monocrystalline silicon	N Type TOPCon monocrystalline silicon
Conversion Rate	25%	25%	25%
Waterproof Rating	IP68	IP68	IP68
Weight	Approx. 0.6kg	Approx. 1.4 kg	Approx. 2.1 kg
Dimensions	Unfolded: 291 x 664 mm Folded: 291 x 177 mm	Unfolded: 980 x 309 mm Folded: 222 x 309 mm	Unfolded: 1356 x 309 mm Folded: 317 x 309 mm
Usage Options	Tilted, Lying Flat, Suspended	Tilted, Lying Flat, Suspended	Tilted, Lying Flat, Suspended
Warranty	12 Months	12 Months	12 Months
Usage Scenarios	Charge the Phones Or Power Banks While Hiking	Charge TRAIL or other Portable Power Stations	

Built Tough Power Uninterrupted

Thanks to the Premium-grade Lithium Cells Battery, the TRAIL Series DC Portable Power Stations offer high reliability and a long lifespan, providing great value over time.

40-tier Real-time Monitoring Safeguards	UN38.3 Certified Battery	IP30 Waterproof & Dustproof*
UL94V-0 Flame-retardant Plastic Material	Premium-grade Lithium Cells Battery	3 Years Warranty
5 Years Lifespan	BMS SOC Balancing Technology	X-Guard Battery Safety Diagnostics

**The TRAIL Series is not waterproof certified, and it needs to be used with a waterproof shoulder bag to keep the process dry in the wading environment.*

TRAIL Series Product Comparison

TRAIL 200 DC (Essential Model) Compact and Reliable for Light-duty Use



192Wh Capacity (60,000mAh)
220W DC Output
4.0lb
60% More Compact
1 × 140W USB-C (in & out)
1 × 100W USB-C (in & out)
2 × 12W USB-A
LFP Battery
0-80% in 1 hr (2 × 100W PD USB-C)

TRAIL 300 DC (Power Model) High-performance with Expanded Connectivity



300W DC Output
1 × 12V Car Port
2 × 140W USB-C (in & out)
0-80% in 1 hr (2 × 140W PD USB-C)

288Wh Capacity (90,000mAh)
5.7lb
48% More Compact
2 × 12W USB-A
LFP Battery

TRAIL Plus 300 DC (All-in-One Model) Ultimate Versatility with Built-in Lighting and Cable

Detachable 140W Type-C Handle Charging Cable
Multi-function Camping Light



300W DC Output
1 × 12V Car Port
3 × 140W USB-C (in & out)
0-80% in 1.9 hr (1 × 140W PD USB-C)

288Wh Capacity (90,000mAh)
5.0lb
52% More Compact
36% Lighter
2 × 12W USB-A
NCM Battery