TECHNOLOGY

X-Stream (patented)

EcoFlow's patented X-Stream technology delivers market-leading recharging speeds. Using a built-in smart inverter, EcoFlow portable power stations can recharge from 0% to 100% in as quick as 1 hour*.

*for RIVER 2 and RIVER 2 Max

X-Boost

X-Boost is EcoFlow's proprietary tech that allows you to power appliances with a higher-rated power than your EcoFlow portable power station. X-Boost features an intelligent voltage control that marginally reduces voltage, allowing you to power devices with a lower-rated inverter, giving you more for less.

Battery Management System (BMS)

EcoFlow's BMS precisely measures real-time voltage, current, and temperature and conditions the battery for the best performance with an intelligent algorithm.

EcoFlow APP

Remotely control every EcoFlow product from the palm of your hand.

APPLICATION

EcoFlow is a leading eco-friendly energy solutions company with the vision to power a new world. Since its founding in 2017, EcoFlow's mission is to reinvent the way individuals and families access energy by providing reliable, accessible and renewable power solutions. Today, with three operational headquarters located in the US, Germany, and Japan, EcoFlow has empowered more than 2 million users in over 100 markets worldwide.

RIVER 2 SERIES

RIVER 2
X-STREAM X-BOOST

AC Output	300W (Surge 600W)
Capacity	256Wh
Output Ports	5
Weight	3.5 kg
Recharge Time	60 Mins (360W Wall Charge)
	3 Hrs (110W Solar Panel)
	3 Hrs (100W Car Charge)

Runtime reference

Phone 11Wh	Drone 40Wh	Camera 16Wh	Speaker 10W (DC)	PS5 200W
19 Times	5 Times	13 Times	7.9 Hrs	1 Hr

RIVER 2 Max
X-STREAM X-BOOST

AC Output	500W (Surge 1000W)
Capacity	512Wh
Output Ports	9
Weight	6.1 kg
Recharge Time	60 Mins (660W Wall Charge)
	4 Hrs (160W Solar Panel)
	6 Hrs (100W Car Charge)

Runtime reference

Phone 11Wh	Drone 40Wh	Laptop 60Wh	Electric Blanket 120W	Blender 500W
38 Times	10 Times	6.8 Times	3.4 Hrs	0.8 Hrs

RIVER 2 Pro
X-STREAM X-BOOST

AC Output	800W (Surge 1600W)
Capacity	768Wh
Output Ports	10
Weight	7.8 kg
Recharge Time	70 Mins (940W Wall Charge)
	4.5 Hrs (220W Solar Panel)
	9 Hrs (100W Car Charge)

Runtime reference

Electric Fan 40W	Speaker 10W	Electric Blanket 120W	PS5 200W	Blender 500W
13.8 Hrs	23.7 Hrs	6.1 Hrs	3 Hrs	1.2 Hrs

DELTA SERIES

DELTA 2
X-STREAM X-BOOST

AC Output	1800W (Surge 2700W)
Capacity	1024Wh
Output Ports	13 (AC x 4)
Weight	12 kg
Recharge Time	80 Mins (1200W Wall Charge)
	2.5 Hrs (400W Solar Panel)
	11 Hrs (96W Car Charge)

Runtime reference

Laptop 60Wh	Coffee Maker 1000W	Electric Fry Pan 1200W	Circular Saw 1400W	Hair Dryer 1600W
16 Times	0.8 Hrs	0.7 Hrs	0.6 Hrs	0.5 Hrs

DELTA Max(2000)
X-STREAM X-BOOST

AC Output	2400W(Surge 4600W)
Capacity	2016Wh
Output Ports	13 (AC x 4)
Weight	22 kg
Recharge Time	1.6 Hrs (1800W Wall Charge)
	2.5 Hrs (2 × 400W Solar Panel)
	21 Hrs (96W Car Charge)

Runtime reference

Laptop 60Wh	Coffee Maker 1000W	Electric Fry Pan 1200W	Circular Saw 1400W	Hair Dryer 1600W
32 Times	1.9 Hrs	1.6 Hrs	1.3 Hrs	1.1 Hrs

DELTA Pro
X-STREAM X-BOOST

AC Output	3600W(Surge 7200W)
Capacity	3600Wh
Output Ports	14 (AC × 5)
Weight	45 kg
Recharge Time	2 Hrs (2300W Max Wall Charge)
	3 Hrs (3 × 400W Solar Panel)
	37.5 Hrs (96W Car Charge)

Runtime reference

Laptop 60Wh	Coffee Maker 1000W	Electric Fry Pan 1200W	Circular Saw 1400W	Hair Dryer 1600W
57 Times	3.3 Hrs	2.7 Hrs	2.3 Hrs	2 Hrs

SOLAR PANELS

110W Portable Solar Panel

Rated Power	110W(±5W)
Efficiency	22%~23%(≥22.8%)
Cell Type	Monocrystalline silicon
Output Ports	Solar connector
Weight	4.0 kg
Folded Dimensions	20.2x16.5x0.8 in (42×48×2.5 cm)

TESTS & CERTIFICATIONS   IP68

160W Portable Solar Panel

Rated Power	160W(±5W)
Efficiency	21-22%
Cell Type	Monocrystalline silicon
Output Ports	Solar connector
Weight	5.6 kg
Folded Dimensions	27x16.9x0.98 in (68.5×43×2.5 cm)

TESTS & CERTIFICATIONS   IP68

220W Bifacial Portable Solar Panel

Rated Power	220W(±5W) Front side
	155W((±5W) Rear side
Efficiency	22%~23%
Cell Type	Monocrystalline silicon
Output Ports	Solar connector
Weight	9.5 kg
Folded Dimensions	32.3×19.7×1.3 in (82.0×50.0×3.2 cm)

TESTS & CERTIFICATIONS   IP68

400W Portable Solar Panel

Rated Power	400W(±10W)
Efficiency	22%~23%(≥22.6%)
Cell Type	Monocrystalline silicon
Output Ports	Solar connector
Weight	16.0 kg
Folded Dimensions	41.7×24.4×0.98 in (105.8×62×2.5 cm)

TESTS & CERTIFICATIONS   IP68

100W Rigid Solar Panel

Rated Power	100W(±5W)
Efficiency	23%
Cell Type	Monocrystalline silicon
Output Ports	Solar connector
Weight	6.2 kg
Dimensions	38.6×23.1×1.2 in (98×58.6×3 cm)

TESTS & CERTIFICATIONS   IP68

400W Rigid Solar Panel

Rated Power	400W(±12W)
Efficiency	23%
Cell Type	Monocrystalline silicon
Output Ports	Solar connector
Weight	21.8 kg
Dimensions	67.8×44.6×1.38 in (172.2×113.4×3.5 cm)

TESTS & CERTIFICATIONS   IP68 TÜV

100W Flexible Solar Panel

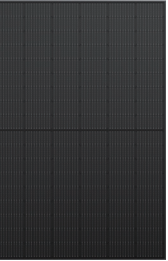|	
Rated Power	100W(±5W)
Efficiency	23%
Cell Type	Monocrystalline silicon
Output Ports	Solar connector
Weight	2.3 kg
Dimensions	41.5×24.1×1.0 in (105.5×61.2×2.5 cm)

TESTS & CERTIFICATIONS   IP68