

EF RIVER

ECOFLOW | PORTABLE POWER STATION



ECOFLOW STORY

Our mission is to empower both individuals and communities through portable, clean, reliable power a lasting impact by replacing the traditional gas generator and reinventing the way the world accesses energy.

Now, EcoFlow leverages their rich knowledge and experience to build products that are thoughtful in design, smart, and powerful. We strive to reinvent the way people everywhere access power.

EcoFlow's product lines equip our customers with a substantial amount of clean, quiet, and renewable power for work, adventures, and home backup power.



LITHIUM-ION BATTERY GENERATOR

NO FUEL, NOISE, OR FUMES

No gasoline, toxic fumes, or noise/vibration during operation. The EcoFlow Power Station is safe to use indoors.

NO MAINTENANCE

Easy to use, keep it plugged into a wall outlet or solar panel.

NO LOST POWER

Power is stored and consumed as needed, maximizing efficiency.

LOW COST

Costs 30% less than regular gasoline-powered inverter generators over its lifetime.



RIVER 600 SERIES CAN COVER ALL YOUR NEEDS

OUTDOORS

Enjoy your next adventure with full power.

Van Life
Camping
Festival



CONNECTION

Bring friends and family together.

Tailgating
Gathering
Events

EMERGENCY

Always be prepared for the unpredictable.

Home Backup
Disaster Relief
Medical Devices



PROFESSIONAL

Get the job wrapped up with uninterrupted power.

DIY
Film/Photography
Event Production

OUR TECHNOLOGY

- **PATENTED X-STREAM TECHNOLOGY**
From 0-80% Within 1 Hour
- **MODULAR DESIGN**
Doubles Its Capacity by Chaining with Extra Battery
- **X-BOOST**
The Smartest Inverter Ever
- **ECOFLOW APP**
Everything in the Palm of Your Hand
- **BATTERY MANAGEMENT SYSTEM**
Extend the Performance, Life-cycle, and Shelf-life of RIVER 600





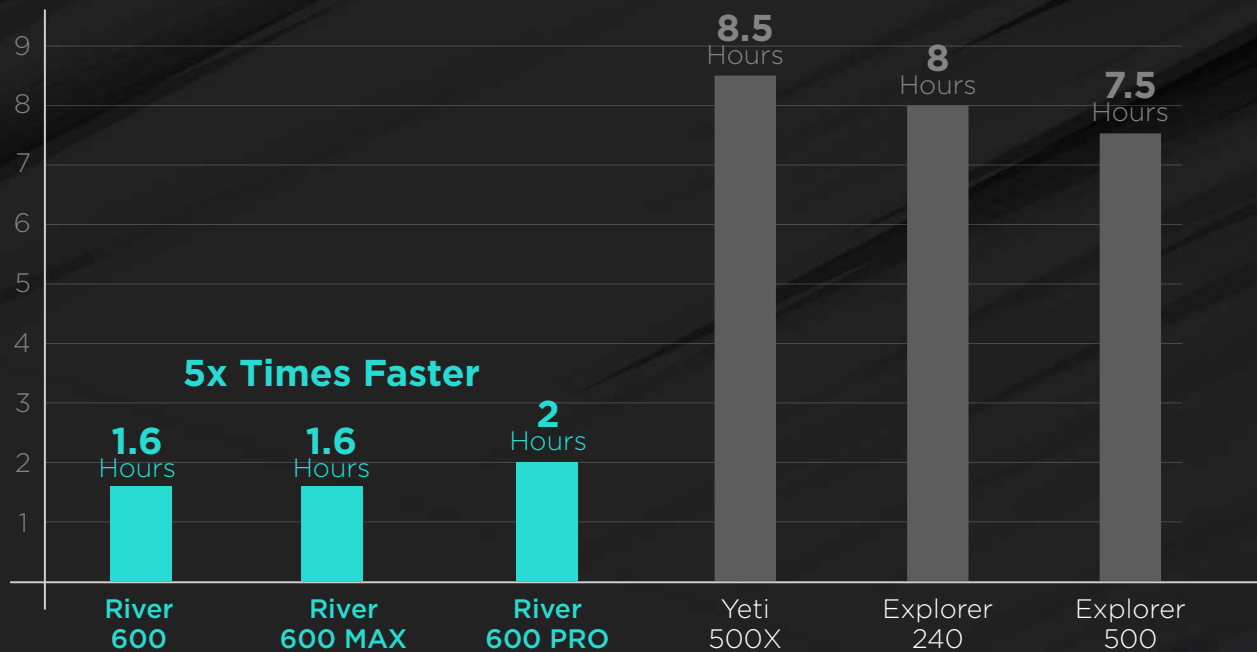
Patented X-Stream Technology

From 0 to 80% Within 1 Hour

For the past three years, we've dedicated our time and energy to create the X-Stream Recharge Technology. This technology provides the fastest recharge rate on the market, recharging 5x times faster than counterparts. This allows EcoFlow products to be fully recharged within two hours using any regular wall outlet.

Full Recharge Time

By Standard Wall Outlet



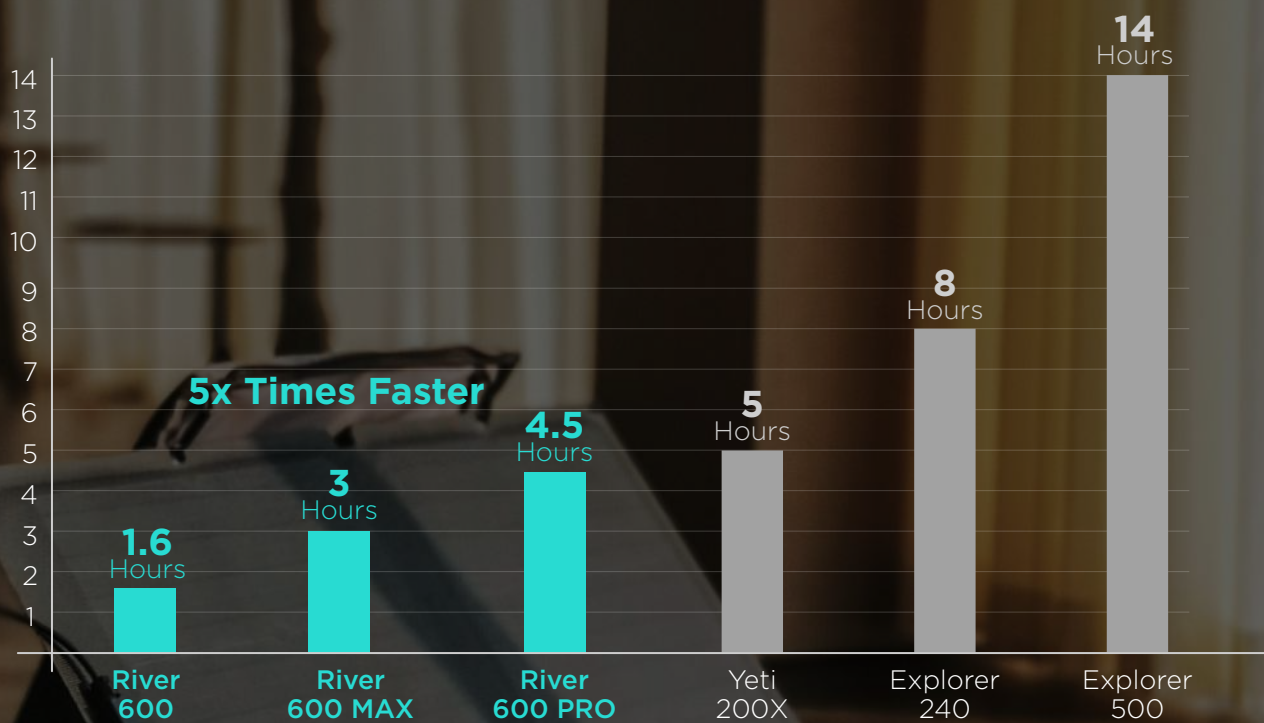
Universal & Ultra Fast Solar Input

A Truly Practical Solar Recharge Solution

Harness the power of the sun by recharging RIVER 600 with solar. You can input up to 200W of solar energy to recharge RIVER 600 in less than 2 hours in perfect sunlight --- twice the speed of the industry average, leveraging the EcoFlow patented MPPT. In addition, RIVER 600 is compatible with the majority of solar panels on the market, as long as the voltage of the solar panel is within the range of 11V-25V.

Full Recharge Time

By MAX Solar Input



*Notes: Standard Test Conditions: 800-900W/m², AM 1.5, 77 °F / 25°C.



MODULAR DESIGN

Doubles Its Capacity by Chaining with Extra Battery

Here we take the 10W light and 150W refrigerator as examples to make you better understand the runtime of RIVER 600 series:

			
	Capacity	Runtime	Runtime
 RIVER 600	288Wh	12 Hours	2-4 Hours
 RIVER 600 MAX	576Wh	24 Hours	4-8 Hours
 RIVER 600 PRO	720Wh	32 Hours	5-10 Hours
 RIVER 600 PRO with Extra Battery	1440Wh	2.5 Days	10-20 Hours

X-BOOST

The Smartest Inverter Ever

X-Boost Technology's built-in advanced algorithms can lower the voltage to enable the heavy-duty devices below 1200w to operate. There's a tradeoff during operation which means that the device may work less powerful. However, It's completely safe as it remains a pure sine wave during the adjustment. Designed with the transformative 600W Smart Inverter by X-Boost technology, RIVER 600 pushes the boundaries of what a portable power station can do.



Hair Dryer
1600W(1900W)



Electric Frying Pan
1200W



Microwave Oven
1000W



Rice Cooker
1000W



Electric Pick
900W



Coffee Maker
1000W



Electric kettle
1200W



Circular Saw
1400W(2300W)

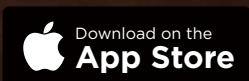
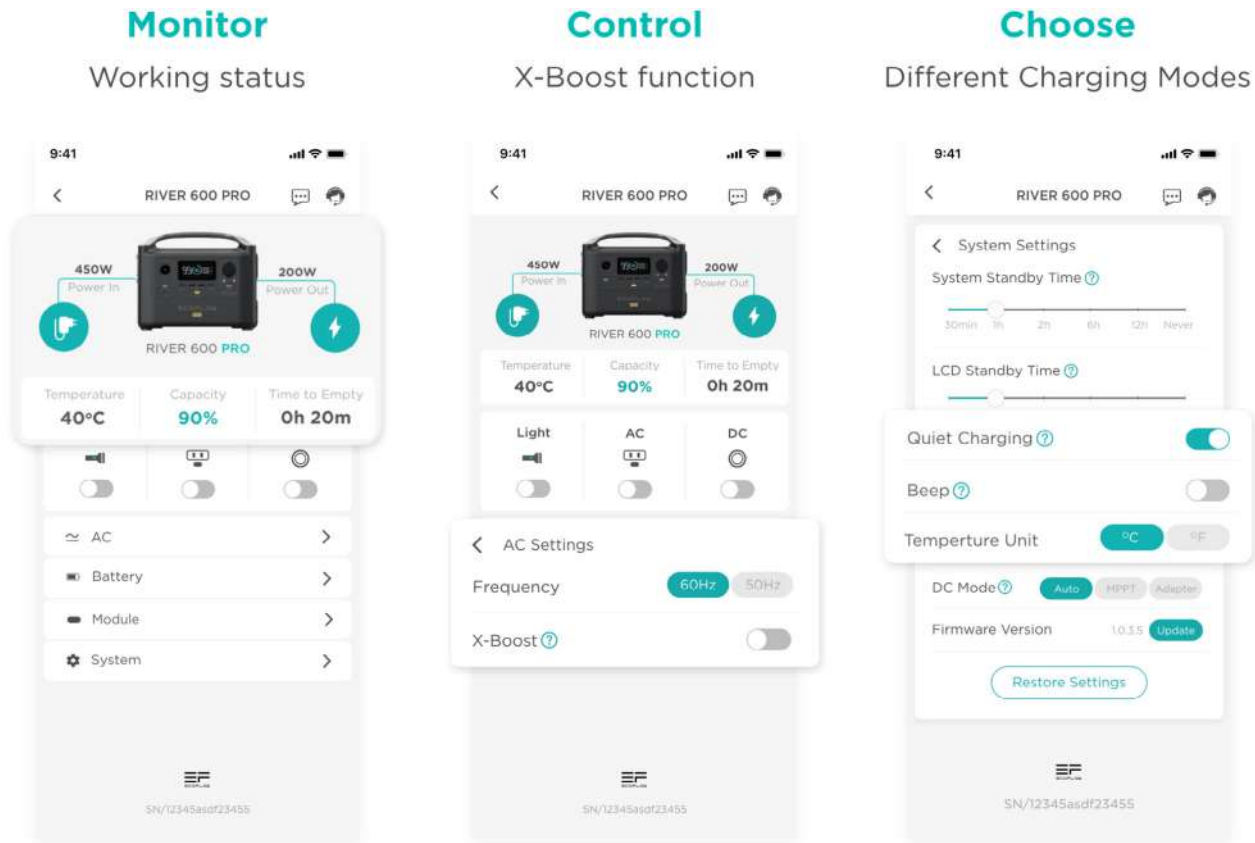


Radiant Heater
1300W

ECOFLOW APP

Everything in the Palm of Your Hand

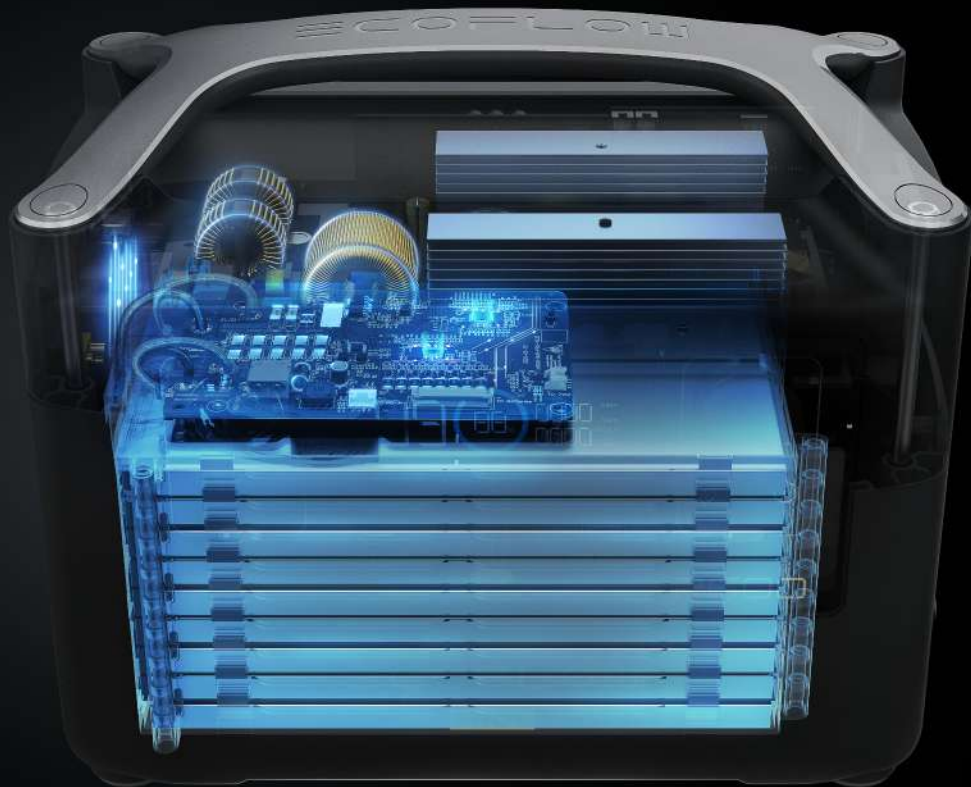
In this wireless world, remote control use is the standard. Now you can pair EcoFlow products over Wi-Fi with the EcoFlow mobile app. It does everything straight from the palm of your hand.



BATTERY MANAGEMENT SYSTEM

Extend the Performance, Life-cycle, and Shelf-life of RIVER 600

To extend the performance, life-cycle, and shelf-life of RIVER 600, we've developed our own proprietary Battery Management System. The Battery Management System regulates all the batteries inside RIVER 600 and takes care of the batteries' health individually using AI algorithms.





RIVER 600

RIVER 600, with its unprecedented modular design, elevates the portable power station to a whole new level of performance and efficiency. You can customize your system to exactly what suits you. Designed with a transformative 600W inverter with X-Boost technology, RIVER 600 pushes the boundaries of what a portable power station can do.



OUTPUTS:

- AC Output (x3/x2):** 600W (Surge 1200W)
- USB-A Output (x2):** 12W per port, 5V DC, 2.4A
- USB-A Fast Charge (x1):** 28W, 5V DC, 9V DC, 12V DC, 2.4A Max
- USB-C Output (x1):** 100W, 5V DC, 9V DC, 12V DC, 15V DC, 20V DC, 5A Max
- Car Power Output (x1):** 136W, 13.6V DC, 10A Max
- DC5521 Output (x2):** 13.6V DC, 3A Max (per port)

INPUTS:

- AC Charge Input Power, X-STREAM:** 250W Max
- AC Charge Input Voltage:** 100-120Vac (50Hz/60Hz) (Int'l Version 220-240V)
- Solar Charge Input:** 200W 10-25V DC 12A Max
- Car Charge Input:** 12V/24V DC 10A Max

BATTERY:

- Cell Chemistry:** Lithium-ion
- Cycle Life:** 500+ Cycles (80%)
- Discharge Temp:** -4 to 140°F +/-5°F (-20 to 60°C +/-3°C)
- Charge Temp:** 32 to 113°F +/-5°F (0 to 45°C +/-3°C)

GENERAL SPECS:

- Capacity:** 288Wh
- Weight:** 11 lbs (5kg)
- Dimensions:** 11.3 x 7.3 x 7.7in (28.8 x 18.5 x 19.4cm)



RIVER 600 MAX

By attaching the RIVER 600 Extra Battery, the RIVER 600 Max doubles its capacity, but still retains its portability and flexibility. You can even set it to ambient light for date night.



OUTPUTS:

AC Output (x3/x2): 600W (Surge 1200W)

USB-A Output (x2): 12W per port, 5V DC, 2.4A

USB-A Fast Charge (x1): 28W, 5V DC, 9V DC, 12V DC, 2.4A Max

USB-C Output (x1): 100W, 5V DC, 9V DC, 12V DC, 15V DC, 20V DC, 5A Max

Car Power Output (x1): 136W, 13.6V DC, 10A Max

DC5521 Output (x2): 13.6V DC, 3A Max (per port)

INPUTS:

AC Charge Input Power, X-STREAM: 500W Max

AC Charge Input Voltage: 100-120Vac (50Hz/60Hz) (Int'l Version 220-240V)

Solar Charge Input: 200W 10-25V DC 12A Max

Car Charge Input: 12V/24V DC 10A Max

BATTERY:

Cell Chemistry: Lithium-ion

Cycle Life: 500+ Cycles (80%)

Discharge Temp: -4 to 140°F +/-5°F (-20 to 60°C +/-3°C)

Charge Temp: 32 to 113°F +/-5°F (0 to 45°C +/-3°C)

GENERAL:

Capacity: 576Wh

Weight: 17 lbs (7.7kg)

Dimensions: 11.3 x 7.3 x 9.96in (28.8 x 18.5 x 25.3cm)



RIVER 600 PRO

The RIVER 600 PRO is designed for users seeking a power solution with a longer runtime. With the 720Wh lithium-ion battery pack and built-in EcoFlow BMS, the RIVER 600 PRO enjoys 500+ lifecycles and can easily expand to a capacity of 1440Wh by connecting the RIVER 600 PRO Extra Battery with just a simple cable.

OUTPUTS:

AC Output (x3/x2): 600W (Surge 1200W)
USB-A Output (x2): 12W per port, 5V DC, 2.4A
USB-A Fast Charge (x1): 28W, 5V DC, 9V DC, 12V DC, 2.4A Max
USB-C Output (x1): 100W, 5V DC, 9V DC, 12V DC, 15V DC, 20V DC, 5A Max
Car Power Output (x1): 136W, 13.6V DC, 10A Max
DC5521 Output (x2): 13.6V DC, 3A Max (per port)

INPUTS:

AC Charge Input Power, X-STREAM: 660W Max
AC Charge Input Voltage: 100-120Vac (50Hz/60Hz) (Int'l Version 220-240V)
Solar Charge Input: 200W 10-25V DC 12A Max
Car Charge Input: 12V/24V DC 10A Max

BATTERY:

Cell Chemistry: Lithium-ion
Cycle Life: 500+ Cycles (80%)
Discharge Temp: -4 to 140°F +/-5°F (-20 to 60°C +/-3°C)
Charge Temp: 32 to 113°F +/-5°F (0 to 45°C +/-3°C)

GENERAL:

Capacity: 720Wh
Weight: 16 lbs (7.2kg)
Dimensions: 11.3 x 7.3 x 9.96in (28.8 x 18.5 x 25.3cm)

RIVER 600 PRO EXTRA BATTERY

The RIVER 600 PRO Extra Battery, with 500+ lifecycles, can double the capacity of the entire system when connected to the RIVER 600 PRO.



OUTPUTS:

Expansion Power Port: 600W Max

GENERAL:

Capacity: 720Wh

Weight: 15.4 lbs (7kg)

Dimensions: 11.3 x 32.4 x 6.5in (28.8 x 21.7 x 16.5cm)

INPUTS:

Expansion Power Port: 660W Max

BATTERY:

Cell Chemistry: Lithium-ion

Cycle Life: 500+ Cycles (80%)

Discharge Temp: -4 to 140°F +/-5°F (-20 to 60°C +/-3°C)

Charge Temp: 32 to 113°F +/-5°F (0 to 45°C +/-3°C)

1. LCD Display

Display various conditions of the product.

2. LED Light Control Button

There are three types of LED light: low light, strong light, and SOS rescue signal flash.

3. IOT Reset Button

Used to reset the Wi-Fi.

4. USB-C 100w Output Port

The 100W USB-C port can support output power up to 100w, you can even charge a laptop.

5. USB-A Output Ports

Charge a wide spectrum of devices including iPhone, tablet, GoPro, speakers, or anything else that can be charged through a USB Port.

6. Fast Charge USB-A Output Port

Fast-charge enabled devices can be charged at a maximum output of 28W.

7. Power Button

Press and hold the button to turn RIVER 600 on or off.

8. DC Output Port (Car Outlet, 2 Dc 5521 Output Ports) DC Output Indicator

The DC 12V port is used to charge appliances like mini PC, projector, Wi-Fi Router or 12V Light. The car cigarette output port can be used for a car fridge.

9. Ventilation Fan

The fan prevents RIVER 600 from overheating.

10. 3*AC Output Sockets (100-120v)

2*AC Output Sockets (220-240v)

The powerful AC output sockets can support your daily home appliances, and with the X-boost feature on, it can even be used for a kettle.

11. AC Power Button

The AC power button controls the AC output of the RIVER 600.

12. Expansion Power Port (RIVER 600 PRO)

This port is used to connect the RIVER 600 PRO Extra Battery to provide increased capacity.

13. X-Stream Charging Input Port

The fastest X-stream charging input port in the industry, AC recharge 0-80% within one hour.

14. Overload Protection Switch

When the input current continuously exceeds 10A during a charge, the AC charging port will trigger the overload protection.

15. Power Earth Screw

The power earth screw provides an option to get your RIVER 600 grounded using a grounding cable.

16. Solar Charge/Car Charge Input Port

Support a maximum of two 110W solar panels to be connected in parallel. It also supports a 12V/24V car charge up to 10A.

17. Ambient LED Light (RIVER 600 MAX)

User can set the color, brightness, and various modes of the ambient light through EcoFlow App.



RUN TIMES



RIVER 600



RIVER 600 MAX



RIVER 600 PRO



EF DELTA



LIGHT
(10W)

12 Hours

24 Hours

32 Hours

60 Hours



PHONE
(18Wh)

14 Times

28 Times

38 Times

63 Times



LAPTOP
(99Wh)

2.5 Times

5 Times

7 Times

11.5 Times



SONY A7IV
(25Wh)

10 Times

21 Times

27 Times

45 Times



TELEVISION
(110W)

2-4 Hours

4-8 Hours

5-10 Hours

8-16 Hours



GRILL
(1650W)

0.4 Hours

0.8 Hours

1 Hours

0.6-1.2 Hours



CPAP
(40W)

5-10 Hours

10-20 Hours

13-26 Hours

20-40 Hours



REFRIGERATOR
(150W)

1.5-3 Hours

3-6 Hours

4-8 Hours

6-10 Hours

RIVER 600 SERIES COMPARISONS



RIVER 600



RIVER 600 MAX



RIVER 600 PRO



RIVER 600 PRO
with Extra Battery

Capacity	288Wh	576Wh	720Wh	1440Wh
Battery Chemistry	Lithium-ion	Lithium-ion	Lithium-ion	Lithium-ion
Shelf Life	1 Year	1 Year	1 Year	1 Year
Cycle Life	500+(80%)	500+(80%)	500+(80%)	500+(80%)
AC Output	600W (Surge 1200W)	600W (Surge 1200W)	600W (Surge 1200W)	600W (Surge 1200W)
AC Ports	3	3	3	3
Type-C PD Ports	100W (Support Macbook Pro)	100W (Support Macbook Pro)	100W (Support Macbook Pro)	100W (Support Macbook Pro)
Total Ports	10	10	11	11
Wall Charging	250W Max	500W Max	660W Max	660W Max
Wall Charging Time	1.6 Hours	1.6 Hours	1.6 Hours	3 Hours
Universal Solar Charging (MC4)	✓	✓	✓	✓
Solar Panel Charging	200W (110W*2)	200W (110W*2)	200W (110W*2)	200W (110W*2)
Solar Panel Charging Time	*1.6-3 Hours (110W*2)	*3-6 Hours (110W*2)	*4-8 Hours (110W*2)	*8-16 Hours (110W*2)
APP	✓	✓	✓	✓
Weight	11 lbs	17 lbs	16 lbs	32 lbs

RIVER 600 VS COUNTERPARTS



RIVER 600



Explorer 240



Yeti 200X

Capacity	288Wh	240Wh	187Wh
Battery Chemistry	Lithium-ion	Lithium-ion	Lithium-ion
Shelf Life	1 Year	3-6 Months	3-6 Months
AC Output	600W (Surge 1200W)	200W (Surge 400W)	120W (Surge 200W)
AC Ports	3	1	1
Type-C PD Ports	100W (Support Macbook Pro)	x	60W
Total Ports	10	4	7
Wall Charging	250W Max	42W Max	100W Max
Wall Charging Time	1.6 Hours	8 Hours	4 Hours
Universal Solar Charging (MC4)	✓	x	x
Solar Panel Charging	200W (110W*2)	60W	100W
Solar Panel Charging Time	*1.6-3 Hours (110W*2)	10 Hours	5-10 Hours
APP	✓	x	✓
Weight	11 lbs	6.6 lbs	5 lbs
Price	\$349	\$249	\$299

RIVER 600 MAX/PRO VS COUNTERPARTS



RIVER 600 MAX



RIVER 600 PRO

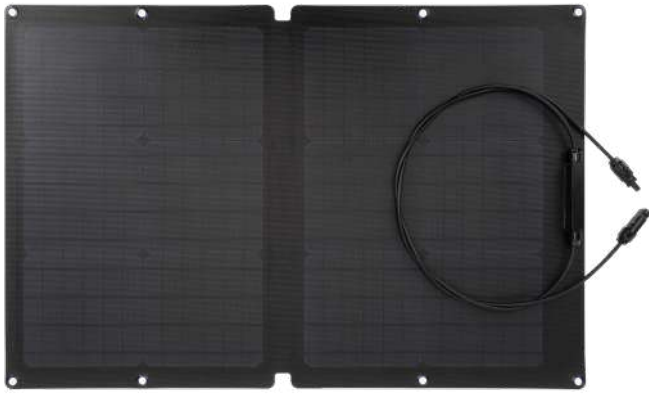


Explore 500



Yeti 500X

Capacity	576Wh	720Wh	518Wh	505Wh
Battery Chemistry	Lithium-ion	Lithium-ion	Lithium-ion	Lithium-ion
Shelf Life	1 Year	1 Year	3-6 Months	3-6 Months
Cycle Life	500+(80%)	500+(80%)	500+(80%)	500+(80%)
AC Output	600W (Surge 1200W)	600W (Surge 1200W)	500W (Surge 1000W)	300W (Surge 1000W)
AC Ports	3	3	1	2
Type-C PD Ports	100W (Support Macbook Pro)	100W (Support Macbook Pro)	X	60W
Total Ports	10	11	7	8
Wall Charging	500W Max	660W Max	100W Max	120W Max
Wall Charging Time	1.6 Hours	1.6 Hours	7.5 Hours	8.5 Hours
Universal Solar Charging (MC4)	✓	✓	X	X
Solar Panel Charging	200W (110W*2)	200W (110W*2)	100W	120W
Solar Panel Charging Time	*3-6 Hours (110W*2)	*4-8 Hours (110W*2)	14 Hours	3-6 Hours
APP	✓	✓	X	X
Weight	17 lbs	16 lbs	13 lbs	13 lbs
Price	\$599	\$649	\$499	\$699



60W SOLAR PANEL

The 60W solar panel is lightweight for easy transporting and convenient to operate. Plug in and power whenever and wherever.

60W SOLAR PANEL:

Rated Power: 60W (+/-5W)

Open Circuit Voltage: 21.6V (Vmp 18.2V)

Short Circuit Current: 3.5A (Imp 3.3A)

Efficiency: 21-22%

Cell Type: Monocrystalline silicon

OUTPUT PORTS:

MC4 Solar Port to XT60: 80V (Max), up to 10A (Max)

GENERAL:

Weight: 7.7 lbs (3.5KG) Solar Panel 4.4lbs (2.0KG)

Waterproof IP Ratings: IP67

Unfolded Dimensions: 21*32.1*0.8in (53.7*81.5*2cm)

Folded Dimensions: 21*16.5*0.8in (53.7*42*2cm)



110W SOLAR PANEL:

Rated Power: 110W(+/-5W)

Open Circuit Voltage: 21.7V(Vmp 18.5V)

Short Circuit Current: 6.3A(Imp 6.0A)

Efficiency: 21-22%

Cell Type: Monocrystalline silicon

OUTPUT PORTS:

MC4 Solar Port to XT60: 80V(max), up to 10A (max)

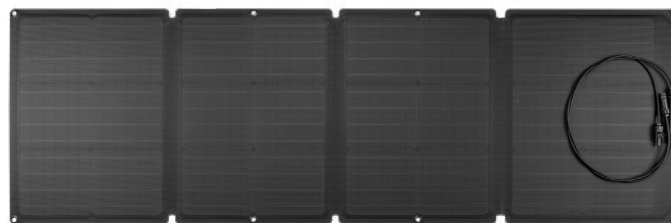
GENERAL:

Weight: 13.2 lbs(6KG) Solar Panel 8.8 lbs(4.0KG)

Waterproof IP Ratings: IP67

Unfolded Dimension: 20.2*62.5*0.8in (51.4*158*2.0cm)

Folded Dimension: 20.2*16.5*0.8in (51.4*42*2.0cm)



110W SOLAR PANEL

Live off the grid with your 110W solar panels. Created from the most efficient monocrystalline silicon cells, recharge the EF DELTA or RIVER, and keep your equipment running without interruption.





POWER A FREE LIFE

