

EcoFlow launches four new batteries for phones, homes, and RVs



EcoFlow just launched four new battery products designed to power everything from your home appliances in the event of a blackout to your Qi2-compatible phone to RVs.

Going from most powerful to least, there's the second-generation Power Kit to power your off-grid vanlife fantasies, the midrange Delta 3 and compact River 3 solar generators, and the Rapid Qi2 wireless power banks for phones that can also charge your laptop in a pinch.

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The Power Kit v2 is a follow-up to its original all-in-one power management system I reviewed 18 months ago. The kits are designed to power everything from an off-grid cabin to a small campervan, without the complexity of having to cobble together

all the required components and wiring yourself. EcoFlow says the new 5kVA 48V Power Kits are improved for RVs, quieter – a recurring complaint with the original – and offer even more storage capacity. The expanded 45kWh battery limit is enough to boondock for a week or longer if your rig is big enough to store nine hulking 5kWh LFP batteries.

The Power Hub at the heart of the system can output up to 4000W (with 8000W surge), which is more than enough to power multiple appliances simultaneously like a high-pressure espresso machine, induction cooktop, and air conditioner. It also supports a variety of inputs that can be combined to quickly charge those batteries from sources like the vehicle's primary (or secondary) alternator, shore power, and gobs of solar.

EcoFlow's improved Power Kits can now monitor and provide the status of water tanks and temperature sensors when configured with a new Power Link information hub. This and other changes like a larger 10-inch dedicated console display and support for more fused AC and DC circuit branches should make EcoFlow's plug-and-play Power Kits a more capable system for even the largest land yachts.

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The Delta 3 series is a medium-size solar generator that comes slathered in ports, including a pair of 140W USB-C outputs. The base model has 1kWh of storage capacity and produces up to 1800W of output while accepting up to 500W of solar input. The Delta 3 Plus model can be expanded to 5kWh with stackable battery add-ons and supports 1,000W of solar input. The Delta 3 series runs at a very quiet 30dB when producing 600W or less.

EcoFlow says the Delta 3 series can power a typical fridge for

“at least five hours” in the event of a blackout. It also has a 10ms cutover feature when used as a UPS for your PC or NAS that’ll receive an HID signal to save data before shutdown.

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The River 3 series is a small solar generator available in two models. The base River 3 model has 245Wh of fixed capacity with support for 110W of solar input, while the more interesting River 3 Plus has expandable capacity which starts at 286Wh and up to 220W of solar charging support. The base model can produce just 300W while the Plus model doubles that to 600W – enough to power things like small space heaters and drip coffee machines. Capacity for the Plus model can be expanded to 858Wh by adding two stackable batteries that quickly attach via pogo pins. The River 3 devices also have a 140W USB-C port and can serve as a UPS for your PC.

Last but not least, EcoFlow is expanding into power banks for the first time with the Rapid series of 15W Qi2 magnetic chargers with kickstands. They also feature a built-in USB-C PD 3.0 cable to charge laptops at up to 65W. It comes in 5,000mAh or 10,000mAh models, in a choice of silver, light blue, or black.

Unfortunately, the all-important pricing information won’t be available until the official release date of each product, per the following schedule for North America:

EcoFlow says the European releases are expected a bit later in Q4.

<https://www.theverge.com/2024/9/3/24234116/ecoflow-power-kit-river-3-delta-3-rapid-specs-date>