

AC300 & B300 Modular Power System: Provide Power As You Like

BLUETTI has unveiled an exciting and dynamic new solution to all of your home/office renewable energy needs. We look at the facts, figures, and benefits of the [AC300 & B300 Modular Power System](#) and why this is the future of solar power.

Solar Power As A Solution

If you're looking for a home backup system that can power almost all devices (and is super eco-friendly), the AC300 & B300 Modular Power System is the golden ticket. How it works is the AC300 solar generator powers your home/office appliances and devices in the same way that a traditional gas generator would (minus the gas, of course), but in a cost-effective, eco-friendly (carbon emission and pollution-free), and noiseless way.

It does this by combining two powerful products to give you twice the energy. Not only that, it is fast-charging (we're talking 0 to 100% in as little as 1.5 hours) and offers multiple ways to recharge, including:

- AC + solar (maximum 5400W in 1.5 hours)
- Car cigarette lighter (DC)
- Lead-acid battery
- EV station (coming soon)
- Generator (maximum 3000W in 2.2-2.7 hours)
- Dual AC (maximum 3500W in 1.8-2.3 hours – a T500 adapter is required)
- Solar panel (maximum 2400W in 1.8-2.3 hours)
- Wall outlet (maximum 3000W in 2.2-2.7 hours)

Protect Yourself Against Power Outages (24/7 UPS)

For businesses in particular, a power outage can be detrimental. However, in the event of an energy shut-off, the AC300 & B300 provides seamless, solid, and reliable emergency power for your critical loads.

The Facts

Here is a breakdown of the convenience and control elements that comes with this modular power system:

- Easy connection
- Real-time input & output
- Tailored power consumption
- OTA firmware upgrade
- Customised UPS mode



Photo by Zendure Power Station on Unsplash
Putting Your Modular Power System To Use

The AC300 & B300 Modular Power System from BLUETTI acts as an all-in-one unit for off-grid or backup electrical setups. It is designed to provide flexibility for those still grid-reliant (and are just requiring a backup energy source, or are looking to lower their utility bills), completely off-grid, or who spend a lot of time in RVs (such as 'vanlifers').

This combo provides flexibility and autonomy with its unique dual solar outputs and allows the user to charge devices at a 3000W to 6000W peak load. Not only will that cover your basic devices, such as smartphones, lighting, laptops, etc., but it also enables higher wattage appliances, such as air-con, water pumps, and kettles, allowing for quick and smooth charging that you just don't get with individual portable solar systems.

Not only that, the integrated UPS system ensures the security of still having access to all of your devices in the event of an outage, and even if the power drops to a low or unstable rate, this unique and smart system can detect any decrease and generate the correct amount of energy to all devices and appliances currently connected to the system.[\[1\]](#)

Other Benefits of the Bluetti AC300 & B300 Modular Power System

- Highly flexible. When you want to change the layout or replace a damaged part, simply unplug the battery expansion pack and set it up again.
- Easy transportation. Instead of carrying a bulky, heavy power station in one go, you can disassemble the combo and transport each part one at a time.
- Minimum maintenance. Once you've pinpointed the broken module, it can be fixed without the need to change other parts within the system.
- Save space. Because the unit is built separately, it is not space consuming because you can store it in

different areas, which can be useful for those pressed for space (such as in cabins or recreational vehicles).

- Flexible compatibility. Whether your property's electricity plan is off-grid or simply as a home backup solution, the AC300 offers an additional source of energy security by adding external battery packs.
- Longer run-time. The AC300-B300 combo has three times the run-time as other modules (increasing your wattage from 3072W to 2288Wh). For even more juice, you can also hook up as many as 3 more B300.
- (Almost) all device charging coverage. This dual combo contains a 3000W PSW inverter, which can handle up to 6000W of start-up demand, meaning you can rely on the AC300 to run almost all of your devices smoothly and efficiently.

More information and how to purchase this powerful system can be found [here](#).