



# Apex 300

## Versatile Power Station

Start Simple, Scale Smart

### Low Upfront Cost, High Flexibility Power

The BLUETTI Apex 300 is a versatile all-in-one power station with multiple outputs, offering unmatched flexibility and affordability. Start with a cost-effective single unit for essential backup, and seamlessly scale up with smart accessories to power your RV, off-grid life, or keep your home running during outages.



40% Longer Battery Life,  
TOP1 Energy Efficiency



2-Year  
Payback



2,764.8Wh-58kWh Capacity  
3,840W-11.52kW Power



2.4kW-19.2kW  
Solar Input



Magic Button,  
One-Tap Access



Visual Savings &  
Precise Control via BLUETTI App



9 Ways  
to Power Up



20ms  
UPS Backup

### Apex 300 Smart Energy Ecosystem

#### Custom Home Backup, Scaled to Your Needs

- DIY Backup for 1-7 Days (Hub A1+B300K/B300/B300S)
- Smart Load Optimization (S1 Smart Plug)
- Maximize Rooftop Solar Efficiency (SolarX 4K)



#### Off-Grid Power, Just Like Home

- Ultra-Fast Solar Charging (SolarX 4K)
- Expand Energy Storage as Needed (B300K/B300/B300S)
- Seamless Mobility for Multi-Use (Trolley)

#### RV Power, Designed for Life on the Road

- One-stop DC Solution for Whole RV (Hub D1)
- Expandable Battery for Longer Adventures (B300K/B300/B300S)
- Fast On-the-Road Charging (Charger 1)
- Dual Charging for Max. Efficiency (Charger 1 + Solar Panels)

### Scalable Power Solution Covering All Needs

#### Plug-and-Play

20ms  
UPS Backup Power

Apex 300 packs 2,764.8Wh capacity and 3,840W output (7,680W lifting power), supporting your critical devices running during outages within 20ms.



#### Partial Home Backup

Uninterrupted power during short & frequent outages

Reduce electricity costs while ensuring seamless power. It instantly switches to backup mode during outages to keep essentials like your fridge, router, and CPAP running smoothly.



#### Whole-Home Backup

Upgrade Your Power Setup in Minutes

Customize your power solution based on your needs. Ultra-flexible, low entry cost, with easy future upgrades—expand to whole-home backup in just 5 minutes.



# Apex 300

## All-in-One AC+DC Power for Your RV

### As a Plug-and-Play Power Source

The Apex 300 features 4 AC outputs that can be directly connected to the RV's air conditioner, oven, coffee maker, heater, and more. The **Hub D1** can be easily mounted on the Apex 300, saving space and providing versatile options to charge your DC devices.



### Comfortable RV Living for the Long Haul

Apex 300 paired with the **Hub D1** offers an easy DIY solution for full AC+DC power in your RV. With a built-in installation, it covers all your DC power needs and allows simple AC plug-and-play connections for devices like coffee machines and ovens. Enjoy seamless, reliable power on your RV trips.

## Redefining Off-Grid Power Experience

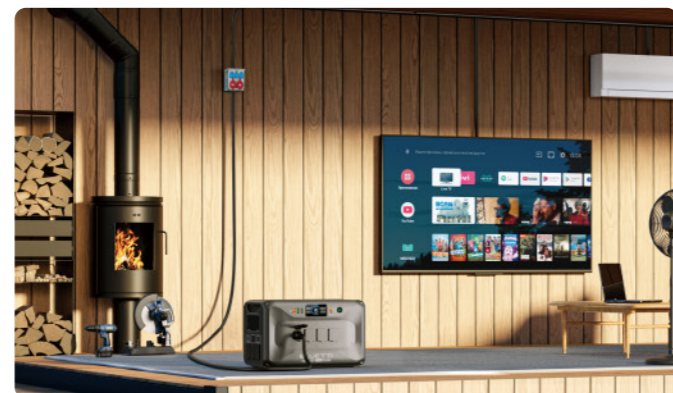
### Energy Freedom for Off-Grid Living

With up to 3,840W output and 7,680W surge power, the Apex 300 easily runs high-power tools like saws, drills, air compressors, and even devices with high startup power demands. No longer worry about overloading while working in your studio.







### Automatic Power to Keep You Connected and Productive

Create your own off-grid power system by installing the Apex 300 with an outlet box in your cabin. Enjoy the convenience of grid-like power, keeping your AC appliances running smoothly, even off the grid.



## Optional Accessories Upgrade Your Power Setup









	Use Case	User Benefit
	<b>Hub A1</b> Connect up to 3 Apex 300 units in parallel	1. Plug and Play. 2. Charge up to 3 Apex 300 units all at once while connected to the grid, delivering up to 11.5kW output.
	<b>Hub D1</b> Features USB-C, Cigarette Lighter, and a 50A Anderson port for diverse power needs.	Delivers up to 700W DC output, offering flexible and reliable power for various devices.
	<b>SolarX 4K</b> Supports up to 500V VOC and 4,000W solar input for increased charging capacity.	Boosts Apex 300 solar input to 4,000W and simplifies connecting more solar panels.
	<b>S1 Smart Plug</b> Control and monitor power supply and usage remotely.	Home appliance automation, remote control, scheduling control, management, and map energy usage.
	<b>Charger 1</b> Charges Apex 300 via car Alternator Charger.	1. Easy to install. 2. Up to 560W charging power. 3. Compatible with most vehicles.
	<b>Foldable Trolley 2</b> Designed to easily transport the Apex 300, expansion batteries, and accessories.	Features large wheels for smooth movement, a retractable handle for easy handling, and secure buckles for stable Apex 300 installation.
	<b>Charging Cable (Via EV Station)</b> Charges the Apex 300 with an EV charging station at 50A, 208V/240V, with up to 11.52kW output.	Enables rapid charging from EV stations, ensuring quick power access on the go.
	<b>Battery Connection Cable (10.6", 90° bend)</b> Connects the Apex 300 power station to the B300K battery pack.	Shorter design with a 90° bend for better energy transfer and cleaner cable management.
	<b>Battery Connection Cable (31.5")</b> Connects the Apex 300 power station to the B300K battery pack.	Longer length allows versatile layouts with multiple devices and batteries.
	<b>12V/24V Battery Charging Cable</b> Use to charge Apex 300 from 12V/24V lead-acid/ lithium battery.	Enable emergency power backup while in need, contract clamp design for universal compatibility

## Flexible to Charge, Efficient to Power

### Super-Fast Solar Charging 4kW-19.2kW

With BLUETTI's self-developed **SolarX 4K**—the world's first 4,000W PV voltage regulator, you can achieve 4kW-19.2kW solar input. Integrate this system with existing roof solar setups via AC coupling, ideal for DIY enthusiasts looking for multiple charging solutions.



 Standard Solar Charging	 AC + Solar Dual Charging	 Generator Charging	 Turbo Boost AC Charging
 RV Park Chargers	 Alternator Charging via Charger 1	 Dual Charging via Solar + Charger 1	 EV Chargers

## Specifications

<b>Battery Capacity</b>	2,764.8Wh (51.2V/54Ah)
<b>Battery Type</b>	LiFePO <sub>4</sub>
<b>Weight</b>	About 38kg (83.78lbs)
<b>Dimensions (L × W × H)</b>	525 × 327 × 320mm (20.67 × 12.87 × 12.6in)
<b>Charging Temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Discharging Temperature</b>	-20°C to 40°C (-4°F to 104°F)
<b>AC Output</b>	
<b>AC socket ports</b>	3,840W Max. in total, 230V, 16.7A Max., 50/60Hz, (EU: 16A Max. each port)
<b>1 × 50A AC Input/Output (P050A)</b>	3,840W Max., 230V, 16.7A Max., 50Hz / 60Hz

<b>AC Input</b>	
<b>10A AC Input (Standard)</b>	2,300 Max., 230V, 50Hz / 60Hz, 10A Max.
<b>50A AC Input/Output (P050A)</b>	230V, 50A Max. (Charging + Bypass)
<b>AC Charging (Requires Hub A1)</b>	3,840W Max. (80% in 45 mins @15°C to 25°C / 59°F to 77°F)
<b>DC Input (2 × XT60PM-M)</b>	1,200W Max. per port, 12V-60V, 20A Max.
<b>AC + DC Charging</b>	Apex 300: 3840W Max Apex 300+1~6 B300K: 6240W Max

<b>Battery Expansion Port</b>	
<b>Nominal Voltage</b>	51.2VDC, 90A Max.
<b>Parallel Port</b>	
<b>Interface</b>	P050A
<b>Output Current</b>	50A Max.



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