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BLUETTI AC70P

BLUETTI AC70P Portable Power Station User Manual

Model: AC70P | Brand: BLUETTI

INTRODUCTION

With a capacity of 864Wh, 1000W inverter and 2000W power lifting, the BLUETTI AC70P portable power station is an ideal solution for powering essential devices during road trips, power outages, or any situation requiring reliable off-grid energy. It features fast charging capabilities, solar input, and smart control via the BLUETTI APP.



Image: The BLUETTI AC70P Portable Power Station, showcasing its compact design and various ports.

PACKAGE CONTENTS

- BLUETTI AC70P portable power station

- AC charging cable
- Car charging cable
- Solar charging cable
- User manual

PRODUCT OVERVIEW

Front Panel

Power up to 8 Devices

Power all your essentials anywhere.



2 × AC Outlets



2 × USB-A



2 × USB-C



1 × Car Port



1 × Wireless Charging



Image: Close-up view of the BLUETTI AC70P's front panel, highlighting the display and various ports.

The front panel features a clear display screen showing input/output wattage, battery percentage, and estimated runtime. It includes various output ports: DC/PV input (12V-58V/10A/500W), DC output (12V/10A), two USB-C 100W ports, and two USB-A 12W ports. For AC power, there are two 1000W AC outlets.

Top Panel

The top of the unit includes two wireless charging pads, each providing 15W output for compatible devices.

Side Panels

Both side panels feature ventilation grilles to ensure proper airflow and cooling during operation. It is important to allow adequate space around the unit for ventilation.

SETUP

Unpacking

Carefully remove all components from the packaging. Inspect the power station and accessories for any signs of damage.

Initial Charge

Before first use, it is recommended to fully charge the AC70P. Connect the provided AC charging cable to a standard wall outlet. The unit can charge from 0-80% in just 45 minutes and reach 100% in 1.5 hours with AC input. Alternatively, you can use solar panels or a car charging cable.

OPERATING INSTRUCTIONS

Powering On/Off

Press and hold the main power button to turn the unit on or off. The display screen will illuminate upon activation.

Using AC Outlets

Press the 'AC' button to enable the AC output. Plug your AC-powered devices into the two 1000W AC outlets. The unit supports up to 2000W power lifting for certain resistive loads.

Using DC Outlets

Press the 'DC' button to enable the DC output. Utilize the 12V/10A DC output, or the USB-C (100W) and USB-A (12W) ports to charge your compatible devices.

Power Lifting Mode

The Power Lifting mode allows the AC70P to handle high-wattage resistive loads up to 2000W. This feature is ideal for appliances with high startup power requirements. Refer to the BLUETTI APP for detailed settings and activation.

UPS Functionality

The AC70P features an Emergency UPS function with a 0.02S switching time, ensuring that connected devices continue to run without interruption in the event of a power failure.

CHARGING METHODS

AC Wall Charging

Connect the AC charging cable to the unit's AC input port and then to a wall outlet. The unit supports up to 950W AC input for rapid charging.

Solar Charging

Connect compatible solar panels (max. 500W) to the DC/PV input port using the provided solar charging cable. The AC70P can be fully charged in approximately 1.9-2.4 hours with optimal solar input.

Go Solar. Go Longer.

Be the solution, not the pollution.



0-100%
in **2 Hours***



Max. **500W**
Solar Input



* This is the best test result under ideal conditions.

Image: The BLUETTI AC70P connected to a solar panel for charging in an outdoor setting.

Car Charging

Use the car charging cable to connect the AC70P to your vehicle's 12V/24V cigarette lighter port. The unit can be fully charged in 4-5 hours via car socket.

Prolong Work Time

More power with B80P/B230/B300



* B80/B230/B300 battery needs to be purchased separately.

Image: The BLUETTI AC70P being charged inside a car using the car charging cable.

MAINTENANCE

The BLUETTI AC70P utilizes a durable LiFePO4 battery, rated for over 3000 charge cycles, maintaining 80% of its original capacity. For optimal battery life, it is recommended to fully charge the unit at least once every three to six months if not in regular use.

TROUBLESHOOTING

If the unit is not powering on, ensure it is adequately charged. Check all cable connections for secure fit. For specific error codes or unexpected behavior, refer to the BLUETTI APP's diagnostic features or consult the full user manual for detailed troubleshooting steps.


SPECIFICATIONS






Feature	Detail
Brand	BLUETTI
Model Name	AC70P
Battery Capacity	864Wh LiFePO4
Rated AC Output	1000W (2000W Power Lifting)
AC Output Voltage	110 Volts
Total Power Outlets	2 AC Outlets, 2 USB-C, 2 USB-A, 1 Car Port, 2 Wireless Charging Pads
Max. AC Input	950W
Max. Solar Input	500W
UPS Switching Time	0.02S
Charge Cycles	3000+ to 80% capacity
Item Weight	23.6 Pounds
Product Dimensions	12.4"L x 8.2"W x 10.1"H
Included Components	AC70P Power Station, AC charging cable, car charging cable, solar charging cable, user manual

WARRANTY AND SUPPORT

The BLUETTI AC70P comes with a 5-Year Coverage. For any product inquiries, technical assistance, or warranty claims, please contact BLUETTI customer support. Their widespread sales and after-service networks are available to assist you.

Related Documents - AC70P

	<p>BLUETTI AC70P Portable Power Station User Manual: Features, Safety, and Operation Guide</p> <p>Discover the BLUETTI AC70P Portable Power Station with this comprehensive user manual. Learn about its 1000W output, 864Wh LiFePO4 battery, Turbo Charging, safety guidelines, operational procedures, and troubleshooting tips for reliable off-grid power.</p>
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<div>AC70P Portable Power Station</div> <div>User Manual</div> <div><small>Please Read This Manual and Safety Instructions Carefully Before Using the Product for the First Time. Keep This Manual for Future Reference.</small></div> <div></div>	<p>BLUETTI AC70P Portable Power Station User Manual</p> <p>Comprehensive user manual for the BLUETTI AC70P Portable Power Station, detailing its features, operation, safety instructions, and specifications. Learn how to use and maintain your power station for travel and adventure.</p>
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