BLUETTI | TECHNOLOGY PIONEER IN CLEAN ENERGY

Energy independence starts here

Portable power solutions, energy storage systems, and sustainable off-grid ecosystems.

Product Brochure

BLUETTI Partners

TikTok Facebook Instagram YouTube Twitter

BLUETTI | TECHNOLOGY PIONEER IN CLEAN ENERGY

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EN-V1.3-2025

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About BLUETTI

Who We Are
Mission, Vision & Values
Milestone

Who We Are

Founded in **2009**, BLUETTI has been a pioneer in clean energy solutions. With over **15** years of innovation and commitment to sustainability, BLUETTI has curated a diverse range of reliable products tailored for adventures, emergency backup power, and off-grid living, shaping a smarter, greener future we share.

1st
Manufacturer of both portable power station and home ESS

1st
TUV S-mark certified energy storage system winner in Asia

1st
All-round IP65 water-resistant power station

1st
All-aluminum residential ESS

Top-funded
Power station on Indiegogo

Mission, Vision & Values

Technology Pioneer in Clean Energy

MISSION
Provide clean and independent energy for all people

VISION
Provide energy storage solutions for every household

VALUE
Create a better world with love and innovation

BLUEsky

Tomorrow

BLUETTI

Technology

Innovation

Milestone

Our Journey: Transforming Visions into Reality

3.5M+ Trusted Global Users

110+ Countries & Regions

15+ Years of Innovation

2009
R&D Team Founded

2012
PS10B: World's first Lithium Portable Power Station

2017
40,000m² Factory Certified with TS16949

2018
PS3215B: Asia's 1st ESS Certified with TUV S-Mark

2020
AC200P Raised $6.7 Million on Indiegogo

2021
LAAF Project Launched

2022
AC500 & B300S Raised Record-Breaking $12.28 million on Indiegogo

2024
AC240 - World's 1st Portable Power Station with IP65 Protection

02

Future Tech

R&D Achievements
Core Technologies
Advanced Manufacturing
BLUETTI Reliability

R&D Achievements

From Day 1, the BLUETTI R&D team has been committed to transforming energy storage, usage, and management — empowering sustainable living both at home and outdoors.

179	Inventions
196	Utility Models
199	Appearance Design
700+	Patents

Core Technologies

At the heart of BLUETTI lies a commitment to innovation. Our cutting-edge four-layer technology integrates seamlessly to deliver unparalleled stability, efficiency, and simplicity. A smarter, more sustainable world is coming, all powered by BLUETTI.
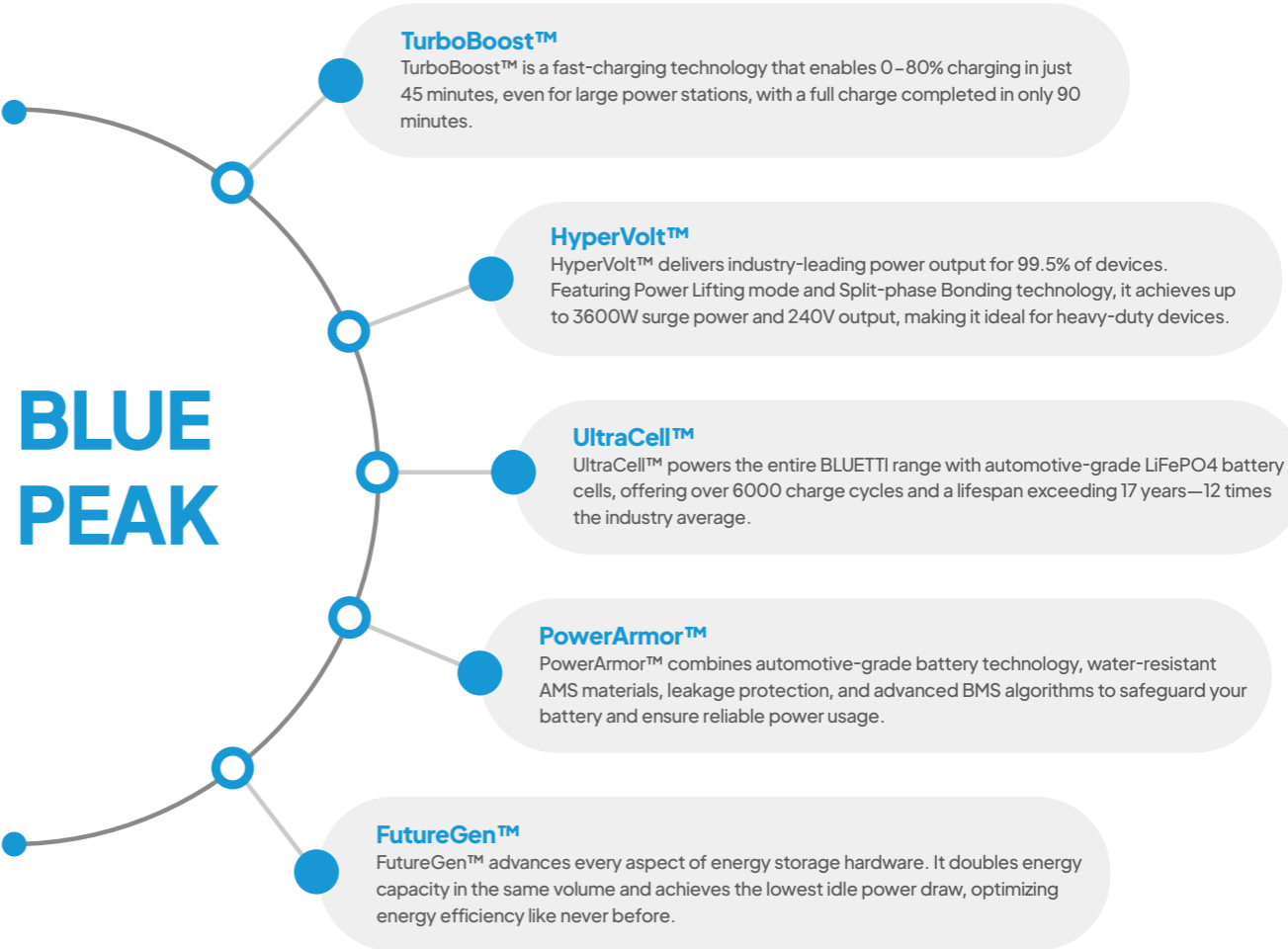
BLUE PEAK™
Innovation Hub

BLUE GRID™
Power Infrastructure

BLUE LINK™
Energy Network

BLUE LIFE™
Ecosystem

BLUE PEAK Innovation Hub™

BLUE PEAK

TurboBoost™
TurboBoost™ is a fast-charging technology that enables 0–80% charging in just 45 minutes, even for large power stations, with a full charge completed in only 90 minutes.

HyperVolt™
HyperVolt™ delivers industry-leading power output for 99.5% of devices. Featuring Power Lifting mode and Split-phase Bonding technology, it achieves up to 3600W surge power and 240V output, making it ideal for heavy-duty devices.

UltraCell™
UltraCell™ powers the entire BLUETTI range with automotive-grade LiFePO4 battery cells, offering over 6000 charge cycles and a lifespan exceeding 17 years—12 times the industry average.

PowerArmor™
PowerArmor™ combines automotive-grade battery technology, water-resistant AMS materials, leakage protection, and advanced BMS algorithms to safeguard your battery and ensure reliable power usage.

FutureGen™
FutureGen™ advances every aspect of energy storage hardware. It doubles energy capacity in the same volume and achieves the lowest idle power draw, optimizing energy efficiency like never before.

BLUE LINK Energy Network™

Power Sense™

Power Sense™ uses BLUETTI's Smart EMS and AI algorithms to monitor energy usage 24/7, optimizing performance and offering remote control and early warning features for homes or facilities.

BLUETTI AI-BMS™

BLUETTI AI-BMS leverages AI chips for real-time battery monitoring and optimization, managing overload, overheating, and multi-way charging for safe operation in diverse conditions.

BLUETTI Smart EMS

BLUETTI Smart EMS optimizes the entire energy system, ensuring efficient connections between battery packs, solar generators, and power stations, with support for up to 18 battery cells.

Device Connectivity

BLUETTI products support 5G/4G, Bluetooth, and Wi-Fi connections, in near future with smart plugs that could integrate seamlessly into smart home systems via protocols like Matter.

BLUE GRID Power Infrastructure™

▲ Multi-energy Hybrid Management System

▲ Uninterrupted Power Supply (UPS) for various scenarios

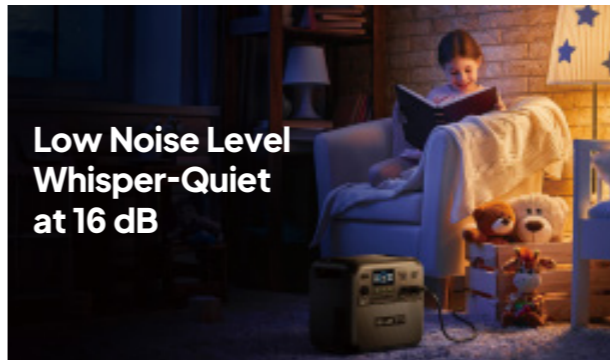▲ RV-embedded Energy System

BLUE LIFE Ecosystem™

▲ With BLUETTI, experience a lifestyle powered by renewable energy, where health, sustainability, and adventure go hand in hand.

▲ Modular Hot-Swappable Energy Units

IP65 All-round Protection
▲ Water-Resistance and Dust-Proof

Low Noise Level Whisper-Quiet at 16 dB
▲ Intelligent Noise-free Temperature Control

▲ Innovative Backpack Energy System

Advanced Manufacturing

At the heart of BLUETTI lies a commitment to innovation. Our cutting-edge four-layer technology integrates seamlessly to deliver unparalleled stability, efficiency, and simplicity. A smarter, more sustainable world is coming, all powered by BLUETTI.

|	
100,000m²	Factory area
2,000+	Employees
30,000	Monthly production capacity of the AC200MAX
16	PCBA surface mounting lines
8	PCBA DIP lines
4	PCBA automatic coating lines
7	Battery assembly lines
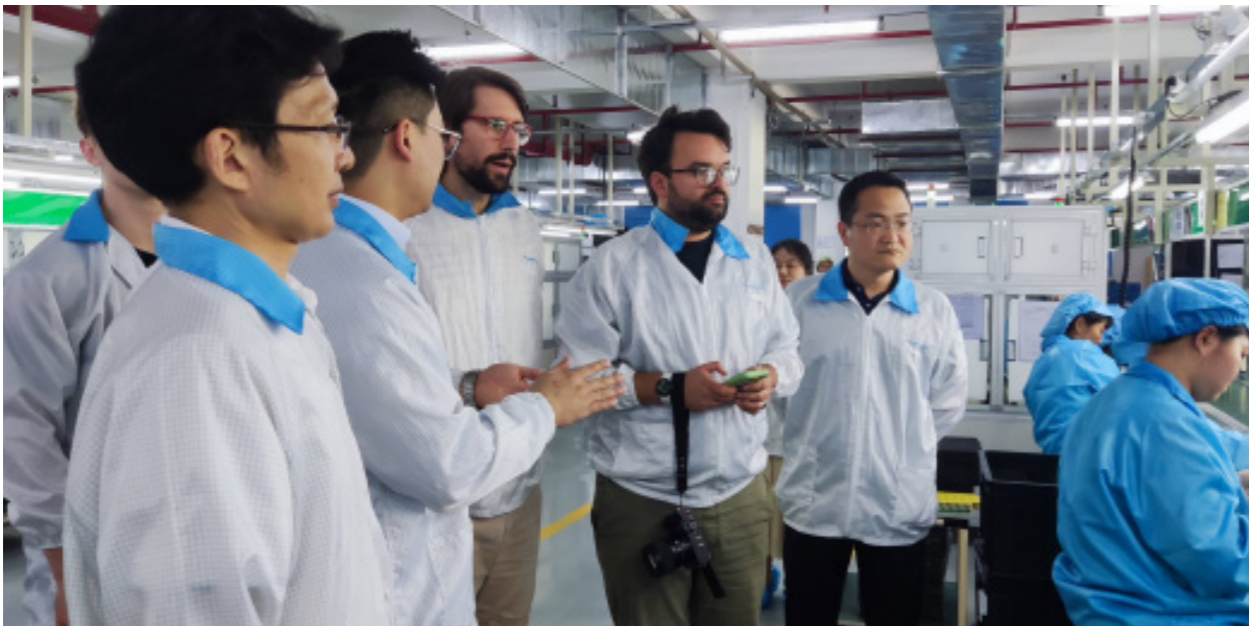
BLUETTI Reliability

" What struck me most about this visit was Bluetti's commitment to quality. The company doesn't just assemble products, it designs, develops, and tests them in-house. This is also what can differentiate the quality of two products, beyond the price. "

FRANDROID

Drop Test
18 drops from various angles, ensuring durability under real-world conditions.
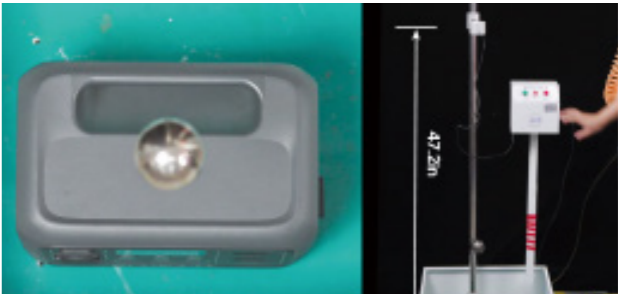
Mechanical Robustness Test
A 1.1 lbs (500g) ball dropped from a height of 47.25 inches (120 cm) to test impact resistance.

Transportation Scenario Restoration Test
100% recovery after vertical movement within 50mm for 30 minutes.

Shock Resistance Test
Peak acceleration of 150 m/s, demonstrating resilience to high-impact shocks.

Water Resistance and Dust Proof
Water and dust resistance for reliable outdoor performance.

Extreme Temperature Challenge
3-minute cold shock test on the B500, showcasing performance in extreme temperatures.
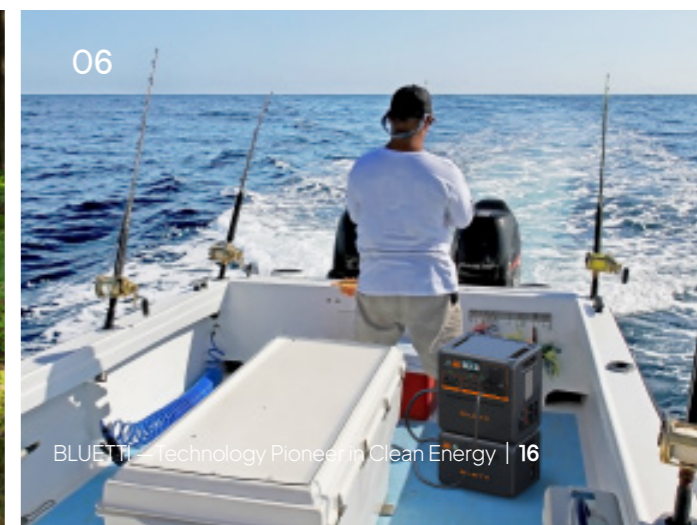
03

Portable Power Station

Premium Series
Expansion Battery
Runtime
Solar Panels
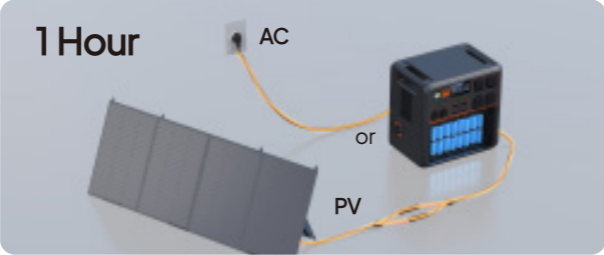Accessories

Portfolio for All Needs

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BLUETTI **Premium Series**

Key features

Fast Charging

Power up in just one hour with AC Turbo or efficient solar charging.

1 Hour

AC

or

PV

Compact, Yet Powerful

LiFePO₄ cells pack immense energy into a small, portable design, running everything from kettles to hair dryers.

Built to Last

Durable LiFePO₄ batteries with smart BMS ensure up to a decade of consistent performance.

LiFePO₄

Flexible Capacity

Expandable modular design offers from 1.8kWh to 20kWh, with custom solutions for any power demand.

Effortless Control

The BLUETTI App gives you real-time power management, anytime and anywhere.

Bold Style

The Premium series stands out with a bright orange design, symbolizing energy and warmth with vibrant impact.

Premium 20 (AC2P)

230.4Wh | 300W

1/2× AC* | 1× Car Port | 2× USB-A | 1× USB-C

| Portable & Lightweight | 600W Lifting Power | Full Charge in 80 Mins | Remote Control at Your Fingertips |

Specs

Capacity	230.4Wh
Power	300W
Lifting Power	600W
Battery Type	LFP
Life Cycles	3,000 + (80%)
Dimensions (L × W × H)	250 × 150 × 180 mm (9.8 × 5.9 × 7.1 in)
Weight	3.6kg / 7.9lbs
Operating Temperature	-20–40℃ (-4–104℉)
Others Features	MPPT, UPS, APP
Warranty	5 Years
*Available Version (AC Outlets)	2 × AC 100V / 120V or 1 × AC 220V / 230V

Charging Time

AC	1.4H (270W Max.)
Solar	1.5H (200W Max.)
Car	1.5H (200W Max.)

Premium 50 (AC50P)

504Wh | 700W

🔌 2/1× AC* | 🚗 1× Car Port | ▭ 1× USB-A | ▭ 2× USB-C | ((·)) 1× Wireless Charger

50 mins to 80% Turbo Charging	1,200W Lifting Power Power More Appliances	Pass-Through Solar Charging	Ultra-Safe LiFePO₄ Battery

Specs

Capacity	504Wh
Power	700W
Lifting Power	1,200W
Battery Type	LFP
Life Cycles	3,000 + (80%)
Dimensions (L × W × H)	280 × 200 × 220 mm (11.0 × 7.9 × 8.7 in)
Weight	6.9kg / 15.2lbs
Operating Temperature	-20–40℃ (-4–104℉)
Others Features	MPPT, UPS, APP
Warranty	5 Years
*Available Version (AC Outlets)	2 × AC 100V / 120V or 1 × AC 220V/230V

Charging Time

AC	1.3H (600W Max.)
Solar	3 H (200W Max.)
Car	3 H (200W Max.)

Premium 60S (AC60P)

504Wh | 600W

🔌 2× AC* | 🚗 1× Car Port | ▭ 2× USB-A | ▭ 1× USB-C | ((·)) 1× Wireless Charger

IP65–Rated Water-resistant & Dustproof	Max2xB80P (806Wh) Extension Battery	Accommodate All Charging ways	3,000+ Life Cycles

Specs

Capacity	504Wh
Power	600W
Lifting Power	1,200W
Battery Type	LFP
Life Cycles	3,000 + (80%)
Dimensions (L × W × H)	290 × 200 × 234 mm (11.42 × 8.07 × 9.21 in)
Weight	9.6kg / 21.16lbs
Operating Temperature	-20–40℃ (-4–104℉)
Others Features	MPPT, UPS, APP
Warranty	6 Years
*Available Version (AC Outlets)	2 × AC 100V / 120V or 220V / 230V

Charging Time

AC	1.3H (600W Max.)
Solar	3H (200W Max.)
Car	3H (200W Max.)

Premium 80 (AC70P)

864Wh | 1,000W

2× AC* | 1× Car Port | 2× USB-A | 2× USB-C | 1× Wireless Charger

| 45mins to 80% 950W Turbo Charging | 2,000W Lifting Power for High-powered Applicances | 8 Outlets for Versatile Charging | 5 Charging Options Available |

Specs

Capacity	864Wh	
Power	1,000W	
Lifting Power	2,000W	
Battery Type	LFP	
Life Cycles	3,000 + (80%)	
Dimensions (L × W × H)	314 × 210 × 256 mm (12.4 × 8.2 × 10.1 in)	
Weight	10.7kg / 23.6lbs	
Operating Temperature	-20–40℃ (-4–104℉)	
Others Features	MPPT, UPS, APP	
Warranty	5 Years	
*Available Version (AC Outlets)	2 × AC 100V / 120V or 220V / 230V	

Charging Time

AC	1.5H (950W Max.)	
Solar	2.2H (500W Max.)	
Car	4.8H (200W Max.)	

Premium 150 (AC180P)

1,440Wh | 1,800W

4/2× AC* | 1× Car Port | 4× USB-A | 1× USB-C | 1× Wireless Charger

| 0–80% Recharging in 1 hour | 24/7 Seamless UPS | Multiple Charging Ways | Smart APP Control |

Specs

Capacity	1,440Wh	
Power	1,800W	
Lifting Power	2,700W	
Battery Type	LFP	
Life Cycles	3,500 + (80%)	
Dimensions (L × W × H)	340 × 247 × 317 mm (13.39 × 9.72 × 12.48 in)	
Weight	17kg / 37.5lbs	
Operating Temperature	-20–40℃ (-4–104℉)	
Others Features	MPPT, UPS, APP	
Warranty	5 Years	
*Available Version (AC Outlets)	4 × AC 100V / 120V or 2 × AC 220V / 230V	

Charging Time

AC	1.5H (1,440W Max.)	
Solar	3.3H (500W Max.)	
Car	7.2H (200W Max.)	

Premium 240S (AC240P)

1,843Wh | 2,400W

3/4× AC* | 1× Car Port | 2× USB-A | 2× USB-C | 1× RV Port

2,400W AC Pure Sine Wave Inverter	Dustproof & Water-resistant	LiFePO₄ Battery with 3,500+ Life Cycles to 80%	Expandable Capacity From 1,843Wh to 10,443Wh

Specs

Capacity	1,843Wh
Power	2,400W
Lifting Power	3,600W
Battery Type	LFP
Life Cycles	3,000 + (80%)
Dimensions (L × W × H)	419 × 294 × 409 mm / (16.5 × 11.6 × 16.1 in)
Weight	33kg / 73lbs
Operating Temperature	-20–40℃ (-4–104℉)
Others Features	MPPT, UPS, APP
Warranty	6 Years
*Available Version (AC Outlets)	2 × AC 100V / 120V +1 × AC TT-30 Port or 4 × AC 220V / 230V

Charging Time

AC	1.2H (2,400W Max.)
Solar	1.8H (1,200W Max.)
Car	9.2H (200W Max.)

Premium 200 (AC200PL)

2,304Wh | 2,400W

4× AC* | 1× Car Port | 2× USB-A | 2× USB-C | 2× Wireless Charger | 1× RV Port

Up to 7kWh Expandable Capacity	1 Hour Fast Charging to 80%	3,600W Lifting Power for 99% Devices	10 Years Lifespan Peace of Mind

Specs

Capacity	2,304Wh
Power	2,400W
Lifting Power	3,600W
Battery Type	LFP
Life Cycles	3,500 + (80%)
Dimensions (L × W × H)	420 × 280 × 367 mm / 16.5 × 11 × 14.4 in
Weight	28.3kg / 62.4lbs
Operating Temperature	-20–40℃ (-4–104℉)
Others Features	MPPT, UPS, APP
Warranty	5 Years
*Available Version (AC Outlets)	4 × AC 100V / 120V +1 × AC TT-30 Port or 4 × AC 220V / 230V

Charging Time

AC	1.5H (2,400W Max.)
Solar	2.8H (1,200W Max.)
Car	12.5H (200W Max.)

Premium 200 V2

2,073.6Wh | 2,700W

4/2× AC* | 1× Car Port | 2× USB-A | 2× USB-C

2,700W AC
Pure sine Wave Inverter

2kWh in a
1kWh-sized Unit

LiFePO₄ Battery with
6,000+ Life Cycles to 80%

Max. 94%
Energy Efficiency

Specs

Capacity	2,073.6Wh
Power	2,700W
Lifting Power	4,050W
Dimensions (L × W × H)	350 × 250 × 323 mm (13.7 × 9.8 × 12.8 in)
Weight	24.2kg / 53.4lbs
Battery Type	LFP
Life Cycles	6,000 + (80%)
Operating Temperature	-20~40℃ (-4~104℉)
Warranty	5 Years
Others Features	MPPT, UPS, APP
*Available Version (AC Outlets)	4 × AC 100V / 120V or 2 × AC 220V / 230V

Charging Time

AC	1.4H (1,800W Max.)
Solar	2.4H (1,000W Max.)
Car (With Charger 1)	4.2H (560W Max.)

Runtime

RV & Outdoor

		Premium 20	Premium 50	Premium 60S	Premium 80	Premium 150	Premium 240S	Premium 200 V2	Premium 200
	Phone (10Wh)	11 Times	22 Times	25 Times	43 Times	72 Times	92 Times	79 Times	116 Times
	Portable Fridge (65W)	2.6 Hours	5.2 Hours	5.4 Hours	8.6 Hours	14.4 Hours	19.1 Hours	21.2 Hours	23.9 Hours
	Laptop (70Wh)	2 Times	4 Times	4 Times	7 Times	11 Times	14 Times	19 Times	18 Times
	Coffee Maker (1,500W)	-	-	-	-	0.8 Hours	1.0 Hour	1.1 Hours	1.2 Hours

Home Backup

		Premium 20	Premium 50	Premium 60S	Premium 80	Premium 150	Premium 240S	Premium 200 V2	Premium 200
	WiFi Router (7W)	12.7 Hours	23 Hours	23.7 Hours	31.4 Hours	52.4 Hours	77.6 Hours	4 Days	97.0 Hours
	TV (60W)	2.3 Hours	5 Hours	5.8 Hours	9.2 Hours	15.4 Hours	20.5 Hours	22.7 Hours	25.6 Hours
	Refrigerator (100W)	1.7 Hours	3.5 Hours	3.7 Hours	6.0 Hours	10.0 Hours	13.2 Hours	14.4 Hours	16.5 Hours

Workshop

		Premium 20	Premium 50	Premium 60S	Premium 80	Premium 150	Premium 240S	Premium 200 V2	Premium 200
	Blender (1,400W)	-	-	-	-	0.8 Hours	1.0 Hour	1.1 Hours	1.3 Hours
	Electric Hammer (1,000W)	-	-	-	-	1.1 Hours	1.4 Hours	1.6 Hours	1.8 Hours
	Circular Saw (1,800W)	-	-	-	-	0.6 Hours	0.8 Hours	0.9 Hour	1.0 Hour

Note: For reference only.

Available Versions

US/CA JP EU UK

AU CN BR

BLUETTI Expansion Battery

Expand Your Power at Will

Effortless Expansion
Instantly meets growing power demands for home backup and outdoor adventures.

Seamless Compatibility
Designed for great compatibility to unlock more possibilities for your power setup.

10+ Years Long Lifespan
Reliable, long-lasting power you can trust.

Emergency Ready
Functions independently in critical moments, ensuring peace of mind.

Bluecell 300 (B300K)
2764.8Wh

Expansion mode:
AC200L, Premium 200, AC300, AC500

Weight:
29.5kg/65lbs

Dimensions (L × W × H):
525 × 327 × 200mm
20.67 × 12.87 × 8.23in

DC Output:
1× USB-A

Power bank mode:
/

Cell Type:
LiFePO₄

Life Cycles:
4,000+(80%)

Input Power:
Connect to Power Stations for Charging

IP Rating:
IP20

Storage Temper:
-20°C ~ 40°C

Warranty:
3+1 Years

B210P
2,150Wh

Expansion mode:
AC240, Premium 240S, AC200L, Premium 200,

Weight:
27.9kg/61.5lbs

Dimensions (L × W × H):
416.6 × 282.4 × 269.5mm
16.4 × 11.1 × 10.6in

DC Output:
1× Cigarette Lighter Port
1× USB-A
1× USB-C

Power bank mode:
/

Cell Type:
LiFePO₄

Life Cycles:
3,000+(80%)

Input Power:
470W Max.
(T500 AC adapter required)
PV-500W Max.

IP Rating:
IP65

Storage Temper:
-20°C ~ 40°C

Warranty:
6 Years

B80P
806Wh

Expansion mode:
Premium 60S

Weight:
9.9kg/21.8lbs

Dimensions (L × W × H):
290 × 207 × 204mm
11.42 × 8.15 × 8.03in

DC Output:
1× Cigarette Lighter Port
1× USB-A
1× USB-C

Power bank mode:
AC50B, AC70, EB55, EB3A, EB70, AC180

Cell Type:
LiFePO₄

Life Cycles:
3,000+(80%)

Input Power:
200W
PV-200W VOC 12–28VDC, 8A

IP Rating:
IP65

Storage Temper:
-20°C ~ 40°C

Warranty:
6 Years

Solar Panels

BLUETTI Solar Panels harness the sun's renewable energy, offering a reliable and cost-effective power solution. Compatible with most BLUETTI solar generators, these panels are perfect for powering everything from laptops and drones to fridges and power tools—whether you're at home, on the road, or off the grid.

High Conversion Efficiency

With over 23.4% cell efficiency and 95% light transmittance, these panels maximize energy output for faster charging.

Durable & Water-Resistant

Built to withstand the elements, the ETFE coating and optimal protection rating ensure long-lasting performance in all conditions.

Foldable & Portable

Lightweight and easy to transport, these panels fold up for simple storage and quick setup wherever you need them.

	PV60F 60W	PV100L 100W	PV120L 120W	PV200L 200W	PV350L 350W
Transformation Efficiency	Max 24.7%	Max 23.4%	Max 23.4%	Max 24.7%	Max 23.4%
Cell Type	Monocrystal	Monocrystal	Monocrystal	Monocrystal	Monocrystal
Open Circuit Voltage	27.5V	24.62V	24.62V	24.62V	43.8V
Short Circuit Current	2.76A	5.13A	6.14A	10.24A	10.1A
Power Voltage	23.1V	20.52V	20.52V	20.52V	36.5V
Power Current	2.58A	4.88A	5.85A	9.75A	9.59A
Operating Temperature	-10℃~+65℃ 14~149℉	-10℃~+65℃ 14~149℉	-10℃~+65℃ 14~149℉	-10℃~+65℃ 14~149℉	-10℃~+65℃ 14~149℉
Dimensions (Unfolded)	900 × 424 mm 35.4 × 16.7 in	595 × 1,132 mm 23.4 × 44.5 in	471 × 1,734 mm 18.5 × 68.2 in	601 × 2,096 mm 23.6 × 82.5 in	2,810 × 785 mm 110.6 × 30.9 in
Dimensions (Folded)	266×210×70 mm 10.5 × 8.3 × 2.8 in	595 × 564.5 × 55mm 23.4 × 22.2 × 2.2 in	494 × 471 × 75 mm 19.4 × 18.5 × 2.9 in	573 × 601 × 50 mm 22.5 × 23.6 × 1.9 in	745 × 785 × 75 mm 29.3 × 30.9 × 2.9 in
Weight	1.4kg 3.09lbs	4.95kg 10.91lbs	5.1kg 11.2lbs	8.45kg 18.6lbs	14.7kg 32.4lbs
Ingress Protection	IP65	IP67	IP67	IP67	IP67
Warranty	1 Year	1 Year	1 Year	1 Year	1 Year

	PV100D 100W	PV120D 120W	PV200D 200W	PV350D 350W
Transformation Efficiency	Max 23.4%	Max 23.4%	Max 23.4%	Max 24.7%
Cell Type	Monocrystal	Monocrystal	Monocrystal	Monocrystal
Open Circuit Voltage	24.6V	24.6V	24.6V	44V
Short Circuit Current	5.8A	6.6A	10.8A	11.4A
Power Voltage	20.5V	20.8V	20.4V	37V
Power Current	4.9A	6A	9.7A	9.5A
Operating Temperature	-10℃~+65℃ 14~149℉	-10℃~+65℃ 14~149℉	-10℃~+65℃ 14~149℉	-10℃~+65℃ 14~149℉
Dimensions (Unfolded)	1,135 × 608 mm 44.7 × 23.9 in	500 × 1,760 mm 19.7 × 69 in	608 × 2,105 mm 23.9 × 82.8 in	2,778 × 805 mm 109.4 × 31.6 in
Dimensions (Folded)	608 × 582.5 × 35 mm 23.9 × 22.9 × 1.4 in	500 × 500 × 45 mm 19.7 × 19.7 × 1.7 in	585 × 608 × 45 mm 23 × 23.9 × 1.7 in	805 × 736 × 45 mm 31.6 × 28.9 × 1.7 in
Weight	4.9kg 10.8lbs	5.36kg 11.8lbs	8.14kg 17.15lbs	14.3kg 31.5lbs
Ingress Protection	IP67	IP67	IP67	IP67
Warranty	1 Year	1 Year	1 Year	1 Year

Accessories

Explore accessories crafted for peak performance and ease

P480A Parallel Box (for Premium 240S)

Connect two Premium 240S units in parallel to skyrocket to a maximum 4,800W/120V output.

Premium 240S
*For US/CA only

D40 Battery Charger

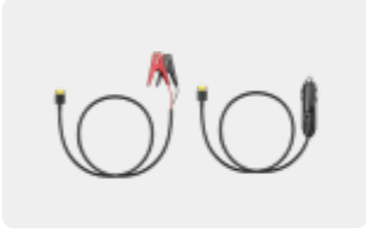Plug-and-Play DC-DC Battery Charger for Premium 200

Premium 200

12V/30A RV Cable

Plug in and connect the 12V/30A RV cable to any Fuse box to power onboard 12V DC devices, such as: 12V fridge/lights/fan…etc.

AC200Max/Premium 240S/AC300/AC500

Lead-acid Battery Charge/Discharge Cables

Secure one end of the cable to the lead-acid batteries and connect the other end to the power station to charge from the batteries.

All BLUETTI power stations

Battery Connect to XT90/XT60/7909/MC4 Cables

Connect one end of the cable to BLUETTI Expansion Battery and connect the other end to power station to charge from the expansion battery.

All BLUETTI Expansion Batteries

Cigarette Lighter Port Charging Cables

Charge BLUETTI power stations using the car's cigarette lighter port.

All BLUETTI power stations

20A/30A/50A Charging Cables

Charge BLUETTI power stations with 20A, 30A, or 50A high current from the grid using NEMA 5–20P, TT-30P, 14–30P, or 14–50P cables. This applies to charging power exceeding 1,800W for 100V/120V power stations.

Premium 200/240S, AC300/500

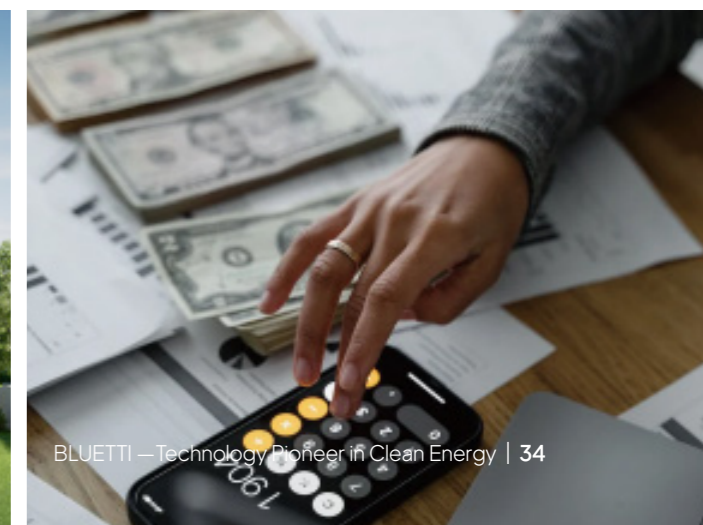# 04

Home Energy Storage System

EP Series
EnergyPro Series
Expansion Battery
Accessories

Take Your Home Off the Grid

Outage Protection
Electricity Bills Saving
Sustainable Lifestyle
EV Charging
Smart App Control

Modular Design

AC Coupled & DC Coupled

On-Grid & Off-Grid

IP65 Protection

10-Year Warranty

Slash Your Electricity Bills

BLUETTI ESS powers your home primarily with solar energy, helping reduce your dependence on the grid and potentially saving your electricity bills.

BLUETTI's home energy storage system combines solar, inverter, and battery into a simple, seamless solution. Nomore searching for separate parts from different companies – it's all here!

This integration ensures a reliable and efficient system while avoiding complexities related to troubleshooting, maintenance, and accountability issues.

How it Works?

1. Get it charged with free solar energy or off-peak grid power.
2. Feed your power-hungry appliances during the day and night.
3. Uninterrupted power kicks in whenever the utility power fails.

2,500W Heat Pump

3,500W Oven

1,000W Refrigeration

1,900W Washing Machine

11,000W Wallbox
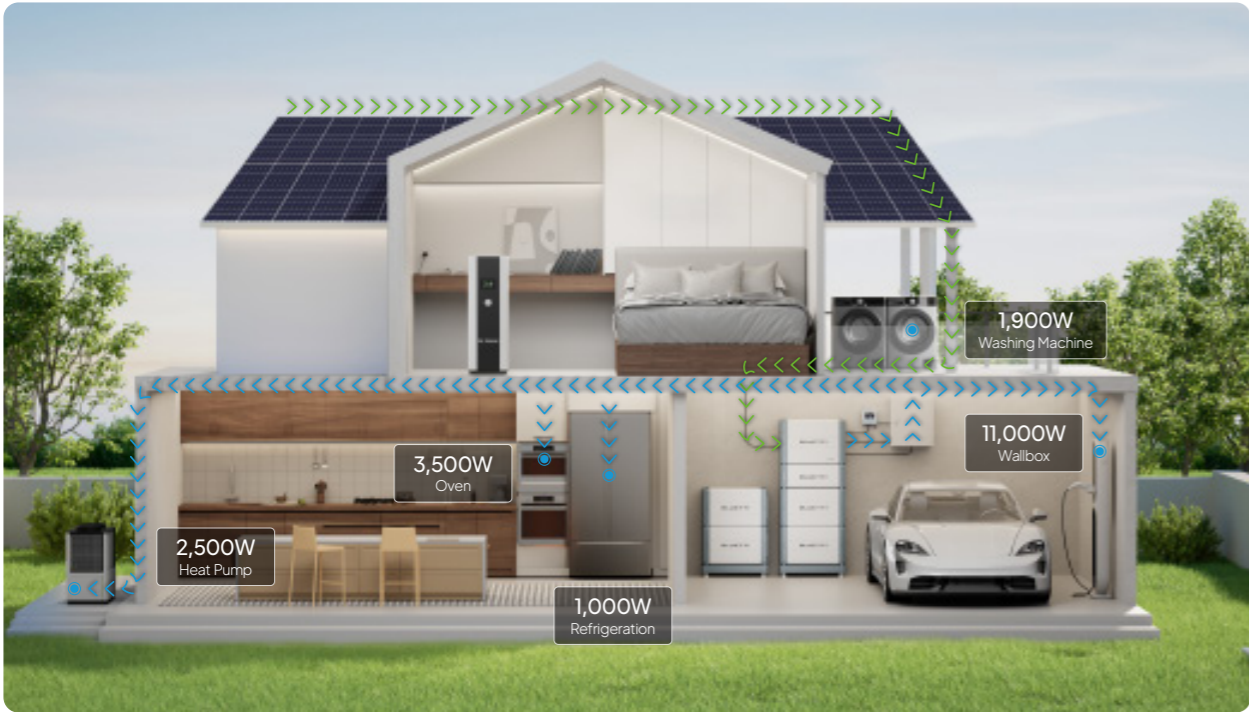
AC500

Expandable Power Station

5 kW | 2,764 Wh – 33,168 Wh

Model

Area	JP/US/EU/AU/UK
Battery Capacity	2,764–16,584Wh(1~6*B300K)
Cell Type	LiFePO₄
Weight	30kg/66.2lbs
Dimensions (L*W*H)	520*325*358mm/20.5*12 8*14.1in
Charging Temperature	0°C~40°C/32°F~104°F
Discharging Temperature	-20°C~40°C/-4°F~104°F
Storage Temperature	-20°C~40°C/-4°F~104°F
Working Humidity	10%~90%

AC Output

Power	5,000W			
Lifting Power	6,000W			
Voltage	100VAC	120VAC	220VAC	230VAC
Current	50A	41.7A	22.7A	21.7A
Frequency	50Hz/60Hz			

DC Output

Cigarette Lighter Port*1	24VDC/10A
USB-A*4	5V3A*2, 18W*2
USB-C*2	5/9/12/15/20VDC, 3A; 20VDC/5A each port
RV*1	12V/30A
Wireless Charging*2	5W/7.5W/10W/15W

AC Input

Voltage	100VAC	120VAC	220VAC	230VAC
Max. Current	50A	49A	22A	23A
Frequency	50Hz/60Hz			
UPS	Switching time ≤20ms			
Power	5,000W Max.			

DC Input

Power	1,500W*2
Current	15A*2
Voltage	12V~150V

External Battery Connection

External Battery	B300K	
Capacity	2,764Wh	
Maximum Parallelable Battery Units	6 for EU/AU	12 for US/CA
Scalable Capacity	16,584Wh	33,168Wh

EP600

Home Energy Storage System

6 kW – 12 kW | 4.96 kWh – 39.6 kWh | Three Phase | ON/OFF Grid

4.96kWh – 39.6kWh (with 1~8 B500, 2 sets in parallel)
Customizable battery capacity

Innovative Modular Design
Easy assembly and disassembly

On/Off Grid
All-in-one system

Remote Control by App
User-friendly and convenient

6kW - 12kW (2 sets in parallel)
Cover 99% of household appliances

Safe to Use
Indoors/outdoors

EP600
Hybrid Inverter

B500
Expansion Battery

Specification

Configuration

EP600 Main Unit		1				2				
B500 Battery Modules		1	2	3	4	2	3	4	6	8
Capacity		4.9kWh	9.9kWh	14.8kWh	19.8kWh	9.9kWh	14.8kWh	19.8kWh	29.7kWh	39.6kWh
Output Power	Grid-tied	5kW	6kW			10kW	12kW			
	Off Grid	3.5kW	6kW			7.6kW	12kW			
	Off Grid + PV	6kW	6kW			12kW	12kW			
Solar Input	Max Recommended PV Array Power	6kW				12kW				

EP600 Inverter

PV Input (Per Inverter)

Maximum Input Power	6kW
MPPT Voltage Range/Rated	150V ~ 500V / 360V
Single MPPT Maximum Input Current	12.5A
Number of independent MPPT inputs	2

AC Output (Per Inverter)

Rated Output Power	6kW
Rated Voltage	230V/400V
Frequency	50Hz
Inverter Efficiency	94% Max.

General

Operating Temperature Range	-20°C to 50°C (-4°F to 122°F)
Noise	≤50dB(A)
Dimensions	636 X 325 X 370mm / 25.0 X 12.8 X 14.6 inch
Net Weight	42kg / 92lbs
Communication	Wi-Fi/Bluetooth
IP Rating	IP65
Input Frequency	50Hz
Switchover Time to Back-up Power	<10ms
Phase	L1/L2/L3/N/PE
Warranty	10 Years

Compliance & Certification

|	
Compliance	IEC 62477-1: 2012, EN 62477-1: 2012, IEC62109-1, IEC62109-2, EN62109-1, EN62109-2
Grid Connection	(EU) 2016/631, EN 50549-1, VDE-AR-N 4105, DIN VDE V 0124-100 (VDE V 0124-100), UTE C 15-712-1, DIN V VDE V 0126-1-1, Enedis-PRO-RES_10E version 5, VFR, C10/11, TOR Erzeuger Type A version 1.2, OVE-Richtlinie R 25, G98 Issue 1 Amendment 7, G100 Issue 2 Amendment 2, PSE, PTPiREE, RD647, UNE 217002, AS/NZS 4777.2, CEI 0-21-03 + V1-11, GB/T 34120-2017
Safety	IEC 62109-1, IEC 62109-2, EN 62109-1, EN 62109-2
Emissions	EN IEC 61000-6-3, EN IEC 61000-6-1
Certification	CE,CB
RoHS	2011/65/EU and (EU) 2015/863

EP760

Home Energy Storage System

7.6 kW | 4.96 kWh–19.8 kWh | Single Phase | ON/OFF Grid

All-in-one system integrated with hybrid inverter and battery

Max. 7,600W output* for 95% appliances

Modular design for customizable capacity: 4.96kWh--19.84kWh

Quick installation in a few hours

Supports both AC coupling and DC coupling

Backup switch time<10ms

EP760 Hybrid Inverter

B500 Expansion Battery
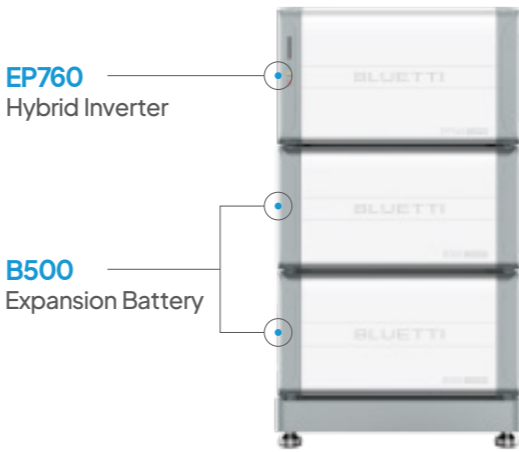
Specification

Configuration

EP760 Main Unit		1		
B500 Battery Modules		1	2	3	4
Capacity		4.9kWh	9.9kWh	14.8kWh	19.8kWh
Output Power	Grid-tied (Except Germany)	5,000W (Without PV Input) 7,600W (With PV input)		7.6kW	
	Grid-tied (Germany)	4.6kW			
	Off Grid + PV	3.68kW (Without PV Input) 7.6kW (With PV input)		7.6kW	
Solar Input	Max Recommended PV Array Power	9kW			

EP760 Hybrid Inverter

PV Input

Maximum Input Power	9kW
MPPT Voltage Range/Rated	150V ~ 500V / 360V
Single MPPT Maximum Input Current	12.5A
Number of independent MPPT inputs	3

AC Output

Rated Output Power	7.6kW
Rated Voltage	230V
Frequency	50Hz

General

Operating Temperature Range	-20°C to 50°C (-4°F to 122°F)
Noise	≤50dB(A)
Dimensions	636 X 325 X 370mm / 25.0 X 12.8 X 14.6 inch
Net Weight	46kg / 101.4lbs
Communication	Wi-Fi/Bluetooth
IP Rating	IP65
Input Frequency	50Hz
Switchover Time to Back-up Power	<10ms
Phase	L/N/PE
Warranty	10 Years

Compliance & Certification

| Grid Connection	EN 50549-1, UTE C 15-712-1, DIN V VDE V 0126-1-1, Enedis-PRO-RES_10E version 5, VFR, G99/NI Issue 1, G99 Issue 1 Amendment 9, VDE-AR-N 4105, DIN VDE V 0124-100 (VDE V 0124-100), RD647, UNE 217002, RD 1699, RD 413 BOE-A, CQC 3310-2014, CEI 0-21-03 + V1-11, AS/NZS 4777.2, C10/11, G100 Issue 2 Amendment 2
Safety	IEC 62109-1, IEC 62109-2, EN 62109-1, EN 62109-2
Emissions	EN/IEC 61000-6-3, EN/IEC 61000-6-1
Certification	CE,CB
RoHS	2011/65/EU and (EU) 2015/863

EnergyPro 8K (EP800)

Home Energy Storage System

7.6 kW – 15.2 kW | 9.9 kWh – 39.6 kWh | Split Phase | OFF Grid

All-in-one System
Solar + inverter + battery

Modular Design
Energy grows for your needs

Outage Protection
Seamless power within 20ms

Safe & Durable
10-year warranty & NEMA 4X protection

Hassle-free Installation
Instant setup with low installation cost

Smart Home Energy Management
Monitor and manage in real-time from anywhere

EP800
Hybrid Inverter

B500
Expansion Battery
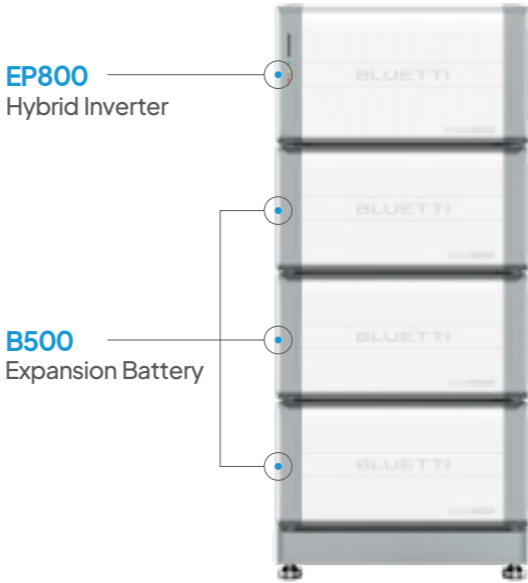
Specification

Configuration

EP800 Main Unit	1			2		
B500 Battery Modules	2	3	4	4	6	8
Capacity	9.9kWh	14.8kWh	19.8kWh	19.8kWh	29.7kWh	39.6kWh
Off Grid Output Power	7.6kW			15.2kW		
Solar Input	9kW			18kW		

EP800 Inverter

PV Input (Per Inverter)

Maximum Input Power	9kW
MPPT Voltage Range/Rated	150V ~ 500V / 360V
Single MPPT Maximum Input Current	12.5A / 25A
Number of independent MPPT inputs	2

AC Output

Rated Output Power	7.6kW
Rated Voltage	120V / 240V
Frequency	60Hz

General

Operating Temperature Range	-20°C to 50°C (-4°F to 122°F)
Noise	≤50dB(A)
Dimensions	636 X 325 X 370mm / 25.0 X 12.8 X 14.6 inch
Net Weight	48kg / 105.8lbs
Communication	Wi-Fi/Bluetooth
IP Rating	NEMA 4X / IP65
Input Frequency	60Hz
Switchover Time to Back-up Power	<20ms
Phase	L1/L2/N/PE
Warranty	10 Years

Compliance & Certification

|	
Safety	JIS C8715-2, EN IEC 62040-1, UL 1973, UL 9540A, UL 9540, UL 1741
Emissions	EN IEC 61000-6-3, EN IEC 61000-6-1, FCC Part 15B
Certification	CE, CB, CETLUS, FCC,IC, RCM, CA65
RoHS	2011/65/EU and (EU)2015/863

EnergyPro 9K (EP900)

Home Energy Storage System

7.6 kW–18 kW | 9.9 kWh–39.6 kWh | Split Phase | ON/OFF Grid

Wide Compatibility
Compatible with new & existing solar systems

Outage Protection
Seamless power within 10ms

10–Year Warranty
Safest LiFePO₄ battery & intelligent BMS

Unrivaled Output
7.6kW/9kW and 120V/240V options for most essential loads

Water and Dust Resistant
deal for indoor & outdoor installation

Smart App Control
Monitor and manage in real-time from anywhere

EP900
Hybrid Inverter

B500
Expansion Battery
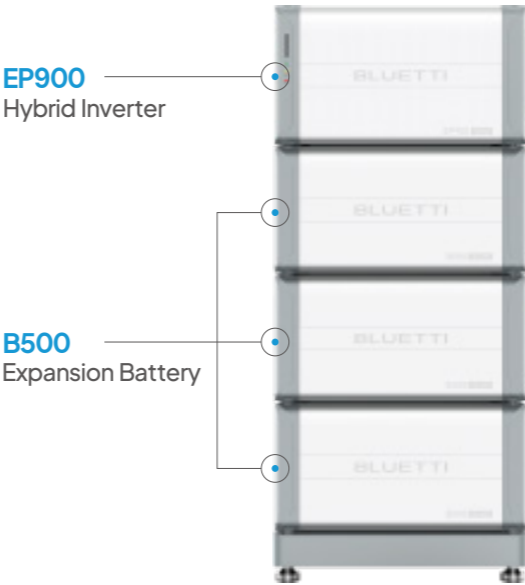
Specification

Configuration

EP900 Main Unit	1			2		
B500 Battery Modules	2	3	4	4	6	8
Capacity	9.9kWh	14.8kWh	19.8kWh	19.8kWh	29.6kWh	39.6kWh
Output Power	7.6kW	9kW		15.2kW	18kW	
Solar Input	9kW			18kW		

EP900 Hybrid Inverter

PV Input (Per Inverter)

Maximum Input Power	9kW
MPPT Voltage Range/Rated	150V ~ 500V / 360V
Single MPPT Maximum Input Current	12.5A / 25A
Number of independent MPPT inputs	2

AC Output

Rated Output Power	7.6kW with 2 B500, 9kW with 3/4 B500
Rated Voltage	120V / 240V
Frequency	60Hz

General

Operating Temperature Range	-20°C to 40°C (-4°F to 104°F)
Noise	≤50dB(A)
Dimensions	636 X 325 X 370mm / 25.0 X 12.8 X 14.6 inch
Net Weight	48kg / 105.8lbs
Communication	Wi-Fi/Bluetooth
IP Rating	NEMA 4X / IP65
Input Frequency	60Hz
Switchover Time to Back-up Power	<10ms
Phase	L1/L2/N/PE
Warranty	10 Years

Compliance & Certification

Safety	JIS C8715-2, EN IEC 62040-1, UL 1973, UL 9540A, UL 9540, UL 1741
Emissions	EN IEC 61000-6-3,EN IEC 61000-6-1, FCC Part 15B
Certification	CE, CB, CETLUS, FCC,IC, RCM, CA65
RoHS	2011/65/EU and (EU)2015/863
Grid Connection	IEEE 1547, UL 1741SB, IEEE 1547.1

EnergyPro 13K

Whole-Home Energy Solution

13.2kW Output | 22kW PV Input | 200A Passthrough | 150A LRA Load Start

Energy Transition
Transforms your entire home into a self-sustaining microgrid.

Whole-Home Backup
With built-in 200A ATS (automatic transfer switch) current, there's no need to separate critical loads.

Smart Load Control
Paired with AT 1 smart distribution box, it supports intelligent load management, bi-directional EV charging, and generator control.

Modular Design
Flexible to customize on-demand setup by stacking up with multiple units.

EnergyPro 13K
Hybrid Inverter

EnergyPack 500
Expansion Battery

Specification

Configuration

EnergyPro 13K			1			2	3
EnergyPack 500		2	3	4		8	12
Capacity		9.6kWh	14.4kWh	19.2kWh		38.4kWh	57.6kWh
Output Power	Output with Solar			13.2kW		26.4kW	39.6kW
	Output without Solar	7.6kW	11.5kW	13.2kW		26.4kW	39.6kW
Solar Input			22kW			44kW	66kW

EnergyPro 13K Hybrid Inverter

PV Input (Per Inverter)

Maximum Input Power	22kW
MPPT Voltage Range/Rated	100V ~ 480V/350V
Single MPPT Maximum Input Current	15A max.
Number of independent MPPT inputs	4

AC Output

Rated Output Power	13.2kW
Rated Voltage	120V / 240V
Frequency	60Hz

General

Operating Temperature Range	-20°C to 55°C (-4°F to 122°F)
Noise	≤50dB(A)
Dimensions	636 X 325 X 370mm / 25.0 X 12.8 X 14.6 inch
Net Weight	48kg / 105.8lbs
Communication	Wi-Fi / Bluetooth
IP Rating	NEMA 4X
Input Frequency	60Hz
Switchover Time to Back-up Power	<20ms
Phase	L1/L2/N/G
Warranty	10 Years

Compliance & Certification

|	
Certification	CETLUS, FCC / IC, CA65
Grid Connection	IEEE 1547, IEEE 1547.1, IEEE 2030.5, UL 1741SB

EnergyPro 20K (EP2000)

Whole-House ESS

10.5 kW – 20 kW | 14.7 kWh – 51.6 kWh | Three-Phase | On/Off-Grid

More Powerful
Max. 30kW solar input, 20kW AC output, and 14.7–51.6kWh capacity with 2–7 B700 battery packs.

More Flexible
Up to 60kW output and 153.8kWh capacity with 3 systems paralleled.

More Convenient
Complete system with hybrid inverter and battery from one provider.

More Efficient
High voltage storage system, with an inversion efficiency of up to 98%.

Smarter
Choose from 4 working modes via an intuitive App Remote IoT updates in 5 minutes.

EP2000 Hybrid Inverter

HV800 Battery Controller

B700 Expansion Battery
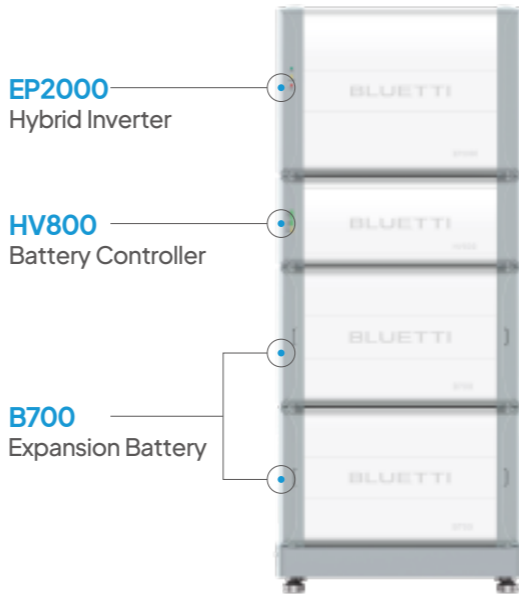
Specification

Configuration

EP2000 Main Unit + HV800 Battery Controller		1						2*	3*
B700 Battery Modules		2	3	4	5	6	7	4–14	6–21
Capacity		14.7kWh	22.1kWh	29.49kWh	36.86kWh	44.2kWh	51.6kWh	103.2kWh Max.	154.8kWh Max.
Output Power	On/Off Grid	10.5kW	15.5kW	20kW				40kW Max.	60kW Max.
	With Solar Input	20kW						40kW	60kW
Solar Input		30kW						60kW	90kW

*The parallel connection is expected to be available in Q4 2024.

EP2000 Hybrid Inverter

PV Input (Per Inverter)

Maximum Input Power	30kW
MPPT Voltage Range/Rated	160V ~ 850V/500V
Single MPPT Maximum Input Current	30A max.
Number of independent MPPT inputs	2

AC Output (Per Inverter)

Rated Output Power	10.5 kW with 2 x B700 15.5 kW with 3 x B700 20 kW with 4–7 x B700
Rated Voltage	230V/400V
Frequency	50Hz

General

Operating Temperature Range	-20°C to 60°C (-4°F to 122°F)
Noise	≤50dB (A)
Dimensions	670 X 280 X 460mm / 26.4 X 11 X 18.1 inch
Net Weight	60kg / 132.3lbs
Communication	USB / Wi-Fi / Bluetooth
IP Rating	IP65
Input Frequency	50Hz
Switchover Time to Back-up Power	<10ms
Phase	3L/N/PE
Warranty	10 Years

Compliance & Certification

Safety	IEC 62109–1, IEC 62109–2, EN 62109–1, EN 62109–2
Emissions	EN/IEC 61000–6–3, EN/IEC 61000–6–1
Grid Connections	Germany: VDE-AR-N 4105:2018, DIN VDE V0124–100 Austria: TOR Erzeuger Type A version 1.2, OVE RZS Australia: AS / NZS 4777.2
RoHS	2011 / 65/EU and (EU) 2015/863

B500 | B700 | EnergyPack 500 (IB500)

B500: 4.96kWh
B700: 7.3kWh
IB500: 4.8kWh

B500   B700   IB500

Wild Compatibility   Modular Design   Durable   Easy Install

Specs	B500	B700	EnergyPack 500 (IB500)
Battery Chemistry	LiFePO₄	LiFePO₄	LiFePO₄
Battery Capacity	4.96kWh	7.3kWh	4.8kWh
Operating Temperature	-20°C to 50°C (-4°F to 122°F)	-20°C to 50°C (-4°F to 122°F)	-20°C to 55°C (-4°F to 131°F)
Dimensions	636 × 325 × 338 mm (25 × 12.8 × 13.3 in)	670 × 280 × 386 mm (26.4 × 11 × 15.2 in)	626 × 324 × 324 mm (25.0 × 12.8 × 13.3 in)
Net Weight	58kg / 127.8lbs	72kg / 158.7lbs	58kg / 127.8lbs
Degree of Protection	IP65	IP65	NEMA 4X
Warranty	10 Years	10 Years	10 Years
Compliance & Certification	UN38.3, CE, FCC, IC, ETL, NEMA-4X, CA65, RCM, JIS C8715-2	IEC 62619, EN 62619, UN38.3, EN/IEC 61000-6-3, EN/IEC 6100	UN38.3, UL 1973, UL 60730-1, UL 9540A, NEMA 4X, ETL, FCC, IC
Compatibility	EP600, EP760, EnergyPro 8K (EP800), EnergyPro 9K (EP900)	EnergyPro 20K (EP2000)	EnergyPro 13K

Accessories

AT1 Smart Distribution Panel

The AT1 acts as the central hub for your home's power. It connects your solar panels, grid power, inverters, battery packs, and generators for an uninterrupted power source. Plus, it offers intelligent heavy-duty load management and supports bi-directional EV charging.
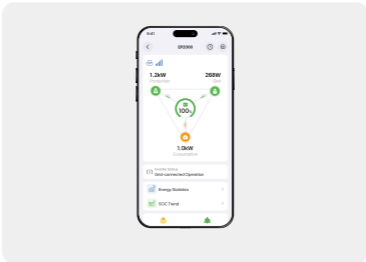
Easy APP Control

- Manage energy production, storage, and consumption anytime, from anywhere
- Set up 4 working modes with one click
- Real-time data without delays
- Remote OTA updates in 5 minutes

*App functions and settings vary by model.

EMS Controller

Use the touchscreen to check status and adjust settings.

Note: The EMS controller may be sold separately. Refer to the product user manual for details.

P030A Fusion Box

Connect 2 AC300 or AC500 units to the P030A fusion box for a 240V, 6,000W home backup system.

AC300/AC500

D300S PV Step Down Module

Step down the voltage from a solar array (up to 550V) to 120V, enabling seamless connection between your solar array and the power station.

Compatibility: AC300, AC500

Trolley

A heavy-duty frame crafted from high-quality metal with a durable base plate, designed to securely hold all BLUETTI devices.

Compatibility: All BLUETTI products

Portable Power Station

Home Energy Storage System

Portable Power Station

Home Energy Storage System

BLUETTI Ecosystem

BLUETTI Ecosystem

Case Collection

At BLUETTI, we're committed to customer satisfaction by providing smooth, hassle-free home energy storage setups and offering personalized, on-site service at every stage.

EP800 Home Energy Storage System

📍 USA

EP900 Home Energy Storage System

📍 USA

EP600 Home Energy Storage System

📍 Germany

EP760 Home Energy Storage System

📍 Germany

📍 Australia

05

BLUETTI Ecosystem

———

Charger 1
Balcony Solar System
SwapSolar Ecosystem
Handsfree Series

A Lifestyle Powered by Innovation

From balcony solar systems to portable storage solutions, the BLUETTI Ecosystem creates a seamless alternative to traditional energy, supporting your off-grid dreams and urban explorations alike.

Charger 1

SwapSolar Ecosystem

Handsfree Series

Balcony Solar System

Charger 1
Alternator Charger

560W Max.

560W | 6 X Faster Charging	Compatibility	Auto On/Off	Superior Protection	Active Cooling	App Control

Specs

Rated Output	560W Max.
DC Input	12V,50A Max. (With 12V Battery) 24V, 25A Max. (With 24V Battery)
Voltage Range (With 12V Battery)	15V to 56V (Adjustable Via APP)
Voltage Range (With 24V Battery)	27V to 56V (Adjustable Via APP)
Input Current (With 12V Battery)	50A Max.
Input Current (With 24V Battery)	25A Max.
Surge Protection	60A Circuit Breaker
Weight	1.2kg / 2.645lbs
Dimensions	145mm × 110mm × 60mm / 5.7in × 4.33in × 2.36in
Working Temperature	-20°C to 60°C / -4°F to 140°F
Working Altitude	<2,000m / 6,561ft
Noise	50dB Max.
IP Rating	IP20
APP Connection	Bluetooth
Protections	Short circuit/anti-reverse/ under-voltage/over-temperature protection
Warranty	2 Years

BLUETTI
Balcony Solar System

1,000W Max. (Rated 800W)

Plug & Play System	App Monitor & Control	Save Energy & Money	Use Solar Energy Day and Night	Smart Power Mapping System

Specs

Output Power	1,000W Max. (Rated 800W)
PV Input Power	1,100W Max.
Conversion Efficiency	95%
Compatible Batteries	B210/B230/ B300/B300S/B300K
Battery Type	LFP
Battery Life Cycles	6,000+ (80%)
IP Rating	A80P/D100P - IP67 B210 - IP65 Glass/Flexible Solar Panel - IP68
Noise	<45dB
Operating Temperature	-40°C to 65°C
Flexible Solar Panel	255W
Glass Solar Panel	410W
Cell Type	PERC MONO
Connector	MC4

MultiCooler Fridge

716.8Wh | 65W

3 Days Battery Life	40L/42qt Capacity	3-in-1 Fridge	Fastest Cooling	Safest Battery

Specs

AC180T

Capacity	1,433.6Wh (With 2 × B70 batteries)
Battery Type	LFP
Management System	BLUETOPUS AI-BMS
AC Outlets	2 × 1,800W in total (With 2 × B70 or grid) 2 × 1,200W in total (With 1× B70 or no grid)
Inverter Type	Pure Sine Wave
DC Outlets	2 × 5V / 3A USB-A 2 × 100W Max. USB-C 1 × 12V / 10A Car Port
AC Input	1,440W Max. (With 2 × B70) 850W Max. (With 1 × B70)
Solar Input	12V-60V, 500W Max.
Weight	AC180T: 26.5kg / 58.4lbs (With 2 × B70) B70: 8.5kg / 18.7lbs
Dimensions (Lx Wx D)	AC180T: 390 × 280 × 395mm / 15.4 × 11.0 × 15.6in B70: 134 × 160 × 350mm / 5.3 × 6.3 × 13.8in
Warranty	5 Years

MultiCooler

Battery Capacity	716.8Wh
Battery Type	LFP
Rated Power	65W
Solar Input	200W Max.
USB-C	1 × 100W Max.
USB-A	1 × 15W
Cooling Method	Compressor
Temperature Range	-20°C to 20°C / -4°F to 68°F
Fridge Capacity	55L / 50qt in total Refrigeration Compartment: 40L / 42qt Ice Making Compartment: 9L / 9.5qt Battery Compartment: 6L / 6.3qt
Dimensions	710 × 420 × 475mm / 28 × 16.5 × 18.7in (without wheels and draw bar)
Net Weight	24kg / 52.9lbs

Handsfree

Handsfree 1: 268.8Wh | 300W
Handsfree 2: 512Wh | 700W

All-in-One Design	Free Your Hands	Ultra-slim Energy Storage	Solar on the Go	5 Outputs for Outdoor Photographers	Versatile BluePack (42L/60L)

Specs

	Handsfree 1	Handsfree 2
Capacity	268.8Wh	512Wh
Battery Type	LFP	LFP
Life Cycles	4,000+ (80%)	4,000+ (80%)
Power	300W	700W
Lifting Power	450W	1,200W
1 × AC Outlet	300W	700W
2 × USB-C	100W Max. each port	100W Max. each port
2 × USB-A	15W in total	15W in total
AC Input	300W Max.	600W Max.
Solar Input	200W Max.	350W Max.
Charging Time	AC: 45mins (80%)/1.5H (100%) Solar: 1.5H (200W)	AC: 45mins (80%)/1.5H (100%) Solar: 2H (350W)
UPS Switchover	≤20ms	≤20ms
Charging Temperature	0°C to 40°C / 32°F to 104°F	0°C to 40°C / 32°F to 104°F
Discharging Temperature	-20°C to 40°C / -4°F to 104°F	-20°C to 40°C / -4°F to 104°F
Storage Temperature	-20°C to 40°C / -4°F to 104°F	-20°C to 40°C / -4°F to 104°F
Weight	5kg / 11lbs	7.5kg / 16.5lbs
Dimensions (L x W x D)	286.5 × 95 × 280mm / 11.3 × 3.7 × 11in	305 × 105 × 385mm / 12 × 4.1 × 15.2in
Warranty	5 Years	5 Years

06

Comprehensive
Service

Smart App
Dedicated Customer Support
Logistic Network
Partner with Us
Media Endorsements

BLUETTI Smart App

Prompt Service
Our dedicated support team is ready to assist with any issues you may have.

Easy Control
Effortlessly manage and control multiple BLUETTI power stations with a few clicks on your smartphone.

Remote & Real-time Monitoring
Stay in the loop with real-time updates on your device's status and adjust working modes via Bluetooth or WiFi.

Service Access for Customers

Global Service Center

Average Response Time within **24H**

Call Center

US	+1 800–200–2980 (Customer Support) +1 469–871–6088 (Residential ESS)	Monday to Saturday: 6:00–17:00 (PST) Monday to Friday: 9:00–17:00 (PST)
Germany	+49 0800 6273016 (Customer Support) +49 1711567817 (Residential ESS)	Montag bis Freitag 8:00–12:00 13:00–17:00 (deutscher Ortszeit)
UK	+44 8000472906	Monday to Friday 8:00–12:00 13:00–17:00
France	+33 257588052	Du lundi au vendredi 8:00–12:00 13:00–17:00 (Heure locale de France)
Italy	+39 0810808309	Dal lunedì al venerdì 8:00–12:00 13:00–17:00 (ora locale italiana)
Spain	+34 912159066	Lunes a viernes 8:00–12:00 13:00–17:00 (Hora local española)
Australia	+61 889224712	Monday to Friday 10:00 - 13:00 14:00 - 19:00 (AEDT)
Japan	047–710–7836	9:30–17:00 (土曜、日曜、祝日、弊社休業日は営業時間外となります)
Nigeria	081 6897 5123	Add Adeniyi Jones, Ikeja, Lagos

Email

|			
US	sale@bluettipower.com (Pre-sales) service@bluettipower.com (After-sales)	**Australia**	sale-au@bluettipower.com
Germany	sale-de@bluettipower.com	**Japan**	sale-jp@bluettipower.com
UK	sale-uk@bluettipower.com	**Korea**	support-kr@bluettipower.com
Europe	sale-eu@bluettipower.com	**Philippines**	sale-ph@bluettipower.com
Ukraine	sale-eu@bluettipower.com	**Nigeria**	sale-nga@bluettipower.com
France	sale-fr@bluettipower.com	**Kenya**	sale-ke@bluettipower.com
Italy	sale.it@bluettipower.com	**Brazil**	support-br@bluettipower.com
Spain	bluetti-es@bluettipower.com	**UAE**	sale-me@bluetti.com
Canada	sale-ca@bluettipower.com	**Mexico**	sale-mx@bluettipower.com

Live Chat

Available on US/Germany/UK/France/Italy/Spain/Japan/Brazil official website

Self-service

Quickly diagnose and resolve issues with our Online Request Process at **www.bluetti.com**

Logistic Network

30+ Global Warehouses
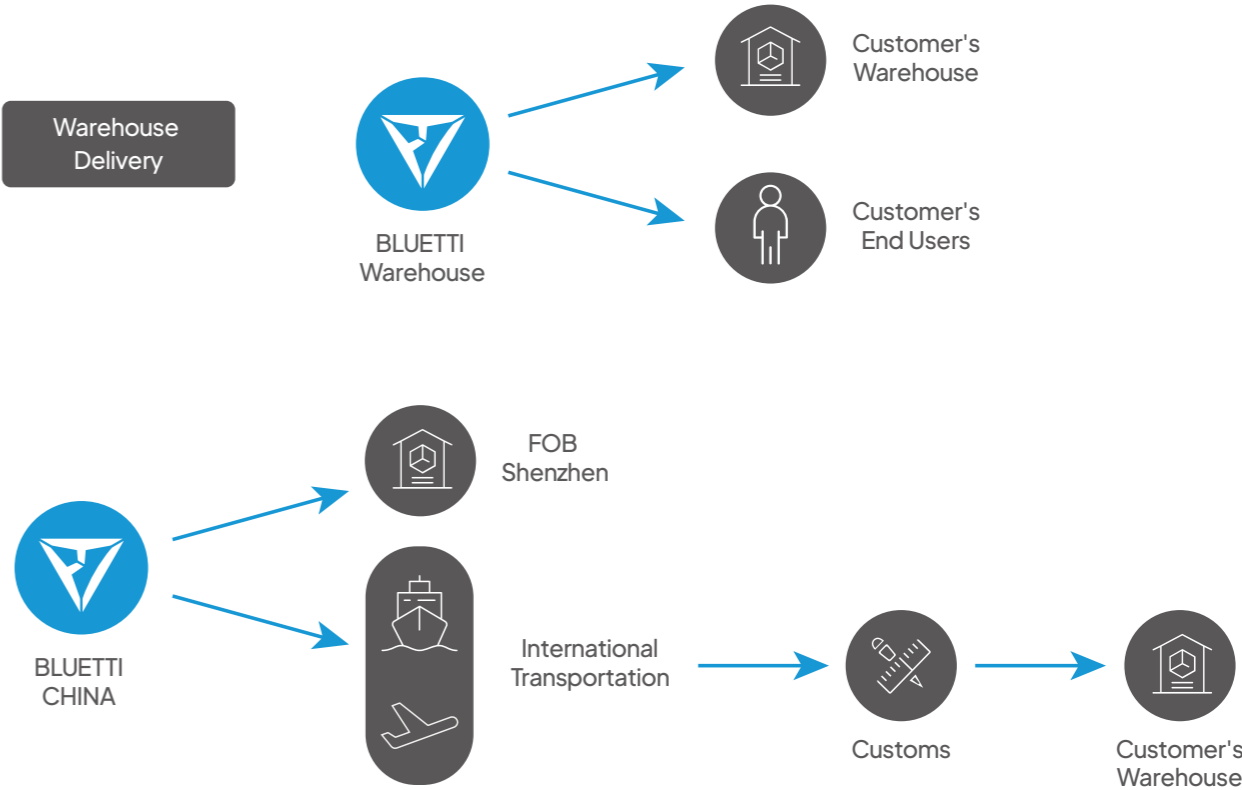
20+ Global Service Stations

Partner with Us

Become a Dealer

Exclusive Benefits
-Special Discounts
-Sales Rebates
-Sales Leads

Inventory & Logistics
-Flexible Shipping
(Warehouse or Factory)

Performance-Based Benefits
-Special Incentives
-Flexible Payment Terms

Marketing Support
-Free Marketing Materials
-Co-Marketing Opportunities

Become an Installer

Core Benefits
-Special Discounts
-Direct Order Placement
-Sales Rebates
-Free Sales Leads

Inventory & Logistics
-Zero Inventory
(Ship Directly from BLUETTI)

Performance-Based Benefits
-Special Incentives

Professional Training
-Online & On-Site Technical Training
- On-Site Support by Local Teams

Media Endorsement

@BLUETTIOfficial
28.5K

@bluettipower
1.2M

@bluetti_inc
14.5K

@Bluetti Global
110.9K

@bluetti_official
87.6K

Forbes

"If the prospect of losing power for hours or days at a time concerns you, the Bluetti AC200MAX portable power station offers a very compelling solution. "

CNET

"This (EP900) is a refreshingly different aesthetic from the "garage refrigerator" look that's popular with home batteries. It also scored the highest in our ranking of the best solar batteries."

80,000+ Media Coverage

XDA · The Register · CNN · NBT · YAHOO! JAPAN
THE VERGE · REUTERS · FDNET · METRO
TECHPOWERUP · digitaltrends · DAILY CALLER · SLASHGEAR · Los Angeles Times
The Verge · EL ESPAÑOL · Pocket-lint
CNET · la Repubblica · LA NACION · msn · MEN'S JOURNAL
electrek · THE WALL STREET JOURNAL · NEW YORK POST · 9TO5Google
The Telegraph · tom's guide · GEAR PATROL · TC · BBC
RollingStone · Bloomberg · FOCUS online · TLD
International Business Times · techradar · AP · Forbes
BuzzFeed · INDIA TODAY · reddit · Post

07

A Greener Tomorrow

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BLUETTI Care
User Stories
Global Presence

Caring for people

In 2021, BLUETTI initiated the **LAAF (Lighting an African Family)** project, a cornerstone of our commitment to global welfare. This initiative aims to bring sustainable power solutions to African households without access to electricity. To date, we have empowered over **15,000** families across **10** regions in Africa, delivering light and hope to communities in need.

Technology Transfer

In 2024, BLUETTI and **UN-Habitat** signed a "Technology Transfer" Memorandum of Understanding (MOU) to accelerate the adoption of renewable energy in Africa. This partnership focuses on training electricians and promoting clean energy education through BLUETTI's LAAF project.
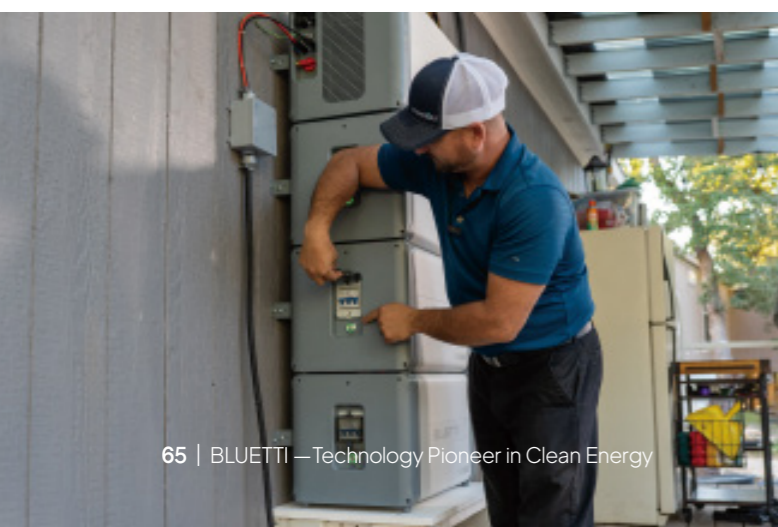
Caring for the planet

Sustainability in numbers:

442 million kWh of clean energy generated globally

≈928,190 — trees preserved

≈19,000 — trips around Earth

≈500,000 — African households' annual electricity usage

User Stories

Real Stories, Real Impact

Discover how BLUETTI empowers lives—from outdoor adventures to unforgettable events. Our customers are at the heart of every story, inspiring us to create solutions that make a lasting impact.

25+ Global Subsidiaries

BLUETTI | TECHNOLOGY PIONEER IN CLEAN ENERGY

BLUETTI US
BLUETTIPOWER INC.
Tel: +1 (909) 570-0909
California: Bluetti Power Inc 3610 Placentia Ct Chino, CA 91710.
Florida: 931 S Semoran Blvd, Suite 204B, Winter Park, FL32792.
Texas: 11011 Richmond, Suite # 850, Houston, TX 77042.

BLUETTI GERMANY
POWEROAK GmbH
Schumannstraße 27, 6.0G, 60325 Frankfurt am Main, Germany
Berlin: Bertha-Benz-Straße 5, 10557 Berlin, Germany

BLUETTI UK
89b Quicks Road, Wimbledon SW19 1EX

BLUETTI FRANCE
72 bd Edgar Quinet, 75014 Paris

BLUETTI SPAIN
Calle Alajate 3 2B, Madrid 28041.

BLUETTI ITALY
Galleria Del Corso 1, Milano.

BLUETTI NETHERLANDS
Mercuriusplein 1, 2132 HA Hoofddorp, the Netherlands

BLUETTI CANADA
701 West Georgia Street, Suite, 1500 Vancouver BC V7Y 1C6.

BLUETTI AUSTRALIA
Unit 15, 25 Gibbes Street Chatswood, NSW 2067.

BLUETTI AFRICA
108 Elizabeth Avenue Pod Off, Grayston Sandton Gauteng 2196.

BLUETTI JAPAN
〒101-0042 東京都千代田区神田東松下町14番地

BLUETTI KOREA
서울시 금천구 가산디지털단지 대륭포스트 6차 1006호

BLUETTI INDONESIA
GEDUNG GRAHA MUSTIKA RATU, JAKARTA SELATAN

BLUETTI PHILIPPINES
Unit 1610 , 16rd floor, Eest Tower, PSE Centre, Exchange Road, Ortigas Center, Pasig City

BLUETTI NIGERIA
NO. 23B, OLUTOYE CRESCENT, OFF ADENIYI JONES, IKEJA, LAGOS, Nigeria

BLUETTI KENYA
3rd Floor, Global Center (Equity), Opp Yaya Center Argwings Kodhek Road, Kilimani, Nairobi, Kenya

BLUETTI TANZANIA
VICTORIA NOBLE CENTER, KINONDONI, Kinondoni Municipal Council，Dar Es Salaam, Tanzania

BLUETTI ENERGY CHILE SpA
San Sebastían 2750, Ofi 803, Las Condes,Santiago

BLUETTI ENERGY BRAZIL LTDA
Rua Conego Eugenio Leite 623–Pinheiros,So Paulo.

Bluettiess Energy Mexico S.De R.L.De.C.V
Avenida Nuevo León 276, Interior 701, Hipódromo,CDMX