

BLUETTI

HOME ENERGY





**Save on
Electricity Bills**



**Eco-
friendly**



**Energy
Independence**

Solar+Inverter+Battery+EMS+IOT built in EP600 System

BLUETTI's home energy storage system combines solar, inverter, and battery into a simple, seamless solution. No more 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

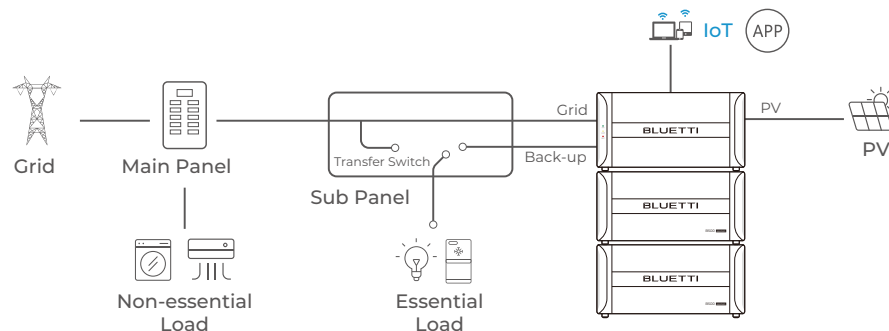
Get it charged with free solar energy or off-peak grid power.

2

Feed your power-hungry appliances during the day and night.

3

Uninterrupted power kicks in whenever the utility power fails.





EP600

For EU / UK

AC Output

6,000W / 4.96kWh~39.6kWh
Compatible with 1~4*B500,
or 2~8*B500 if 2*EP600 in parallel

PV Input

Maximum Power: 6,000W
MPPT Voltage Range / Rated: 150V~500V / 360V
MPPT Channel: 2
Single MPPT Maximum Current: 12.5A
MPPT Efficiency: 99.9%
Energy Efficiency Ration (EER): Max 93.6%

Specifications

Output Power

6kW

Maximum Input Apparent Power

12kVA

Maximum Input Current

18A

Input Frequency

50Hz / 60Hz

On and Off-Grid Switching Time

<10ms

Phase

L1 / L2 / L3 / N / PE

Certifications

IEC 62477-1: 2012, EC 62477-1: 2012, EN 62477-1: 2012,
IEC62109-1, IEC62109-2, EN62109-1, EN62109-2,
EN / IEC 61000-6-1, EN / IEC 61000-6-3, RoHS 2.0,
IP65, CE

Grid connections

EU and CN Available



EP760

For EU / UK / AU

AC Output

7,600W / 4.96kWh~19.84kWh

Compatible with 2~4*B500,
Or 4~8*B500 if 2*EP760 in parallel

PV Input

Maximum Power: 9,000W

MPPT Voltage Range / Rated: 150V~500V / 360V

MPPT Channel: 3

Single MPPT Maximum Current: 12.5A

MPPT Efficiency: 99.9%

Efficiency : 96% Peak

Specifications

Output Power

7.6kW

Maximum Input Apparent Power

11.5kVA

Maximum Input Current

50A

Input Frequency

50Hz / 60Hz

On and Off-Grid Switching Time

<10ms

Phase

L / N / PE

Certifications

IEC62109-1, IEC62109-2, EN62109-1, EN62109-2,
VDE-AR-N 4105, VDE V 0124-100, EN / IEC 61000-6-1,
EN / IEC 61000-6-3, RoHS 2.0, CE

Grid connections

EU, AU and CN Available



EP800

For US / CA / JP

AC Output

7,680W / 9.9kWh~39.6kWh
Compatible with 2~4*B500,
Or 4~8*B500 if 2*EP800 in parallel

PV Input

Maximum Power: 9,000W
MPPT Voltage Range / Rated: 150V~500V / 360V
MPPT Channel: 2
MPPT Maximum Current: 12.5A / 25A
MPPT Efficiency: 99.9%
Energy Efficiency Ration (EER): Max 96%

Specifications

Output Power	7.6kW
Maximum Input Apparent Power	12kVA
Maximum Input Current	50A
Input Frequency	60Hz
On and Off-Grid Switching Time	<20ms
Phase	L1 / L2 / N / G
Certifications	UL9540, UL1741, UL1973, UN38.3, FCC Part 15 Class B, NEMA 4X, California Proposition65



EP900

For US / CA

AC Output

9,000W / 9.9kWh~39.6kWh

Compatible with 2~4*B500,
or 4~8*B500 if 2*EP900in Parallel
7,600W if connect with 2*B500

Specification

Output Power

Maximum Input Apparent Power

Maximum Input Current

Input Frequency

On and Off-Grid Switching Time

Phase

Certifications

Grid connections

PV Input

Maximum Power 9,000W

MPPT Voltage Range / Rated: 150V~500V / 360V

MPPT Channel: 2

MPPT Maximum Current: 12.5A / 25A

MPPT Efficiency 99.9%

Energy Efficiency Ration (EER) Max 96%

9kW

13.5kVA

58A

60Hz

<10ms

L1 / L2 / N / G

UL1741SB, IEEE1547, IEEE1547.1, CSA22.2 No.107.1,
UL1998, California Rule 21, IEEE2030.5, CEC, SGIP,
UL9540, UL1741, UN38.3, FCCPart 15 Class B, NEMA4X,
California Proposition65

US and CA Available

B500

Capacity

4.96kWh

Specifications

Battery Chemistry	LiFePO ₄
Working Temperature	-4°F to +104°F / -20°C to +40°C
Battery Capacity	4.96kWh
Dimensions (L*W*H)	636mm×325mm×338mm (25in×12.8in×13.3in)
Noise	25dB
Weight	58kg / 127.8 lbs
Cooling	Passive Cooling
IP Rating	IP65
Certifications	UN38.3, CE, FCC, IC, ETL, NEMA-4X, CA65, RCM, JIS C8715-2



AC500

AC Output / Capacity

5,000W / 3,072Wh~18,432Wh

(Compatible With 1~6* B300S)

10,000W / 6,144Wh~36,864Wh

(Split Phase bonding is available for 100V / 120V,

Compatible With 2~12* B300S)



Specifications

AC Outputs

100V / 120V Model:

- 3 * 20A AC Outlets
- 1 * 30A L14-30 Outlet
- 1 * 30A TT-30 Outlet
- 1 * 50A NEMA 14-50 Outlet

220V~240V Model:

- 5 * 16A AC Outlets
- 1 * 32A AC Outlet
- 2 * 5V / 3A USB-A
- 2 * 18W USB-A
- 2 * 100W USB-C
- 1 * 12V / 30A RV Port
- 1 * 24V / 10A Car Port
- 2 * 15W Wireless Charging Pad

DC Outputs

Charging

- AC: 5,000W Max.
- Solar: 12V~150V, 3,000W Max.
- Car: 200W Max.

Weight

30kg / 66.2lbs

Dimensions

520mm×325mm×358mm (20.5in×12.8in×14.1in)

Certifications

FCC, UL, TELEC, CE, NTC, RCM, LOA, ICASA

AC300

AC Output / Capacity

3,000W / 3,072Wh~12,288Wh

(Compatible With 1~4* B300)

6,000W / 6,144Wh~24,576Wh

(Split Phase bonding is available for 100V / 120V,
Compatible With 2~8* B300)



1~6 * PV120

or



1~5 * PV200

or



1~3 * PV350

or



1~3 * PV420

Specifications

AC Outputs

100 / 120V Model:

6 * 20A AC Outlets

1 * 30A TT-30 Outlet

220V~240V Model:

6 * AC Outlets

DC Outputs

2 * 5V / 3A USB-A

2 * 18W USB-A

1 * 100W USB-C

1 * 12V / 30A RV Port

1 * 24V / 10A Car Port

2 * 15W Wireless Charging Pad

Charging

AC: 3,000W Max.

Solar: 12V~150V, 2,400W Max.

Car: 200W Max.

Solar+AC: 5,400W Max.

Weight

21.6kg / 47.6lbs

Dimensions

519.9mm×325.0mm×358.0mm
(20.5in×12.5in×14.1in)

Certifications

FCC, UL, TELEC, CE, NTC, RCM, LOA ICASA

AC200P

AC Output / Capacity

2,000W

2,000Wh



Specifications

Outputs	6 * AC 100V~120V or 2 * AC 220V~240V
	4 * 5V / 3A UBS-A
	1 * 5V / 9V / 12V / 15V / 20V, 3A; 20V, 5A USB-C
	1 * 12V / 25A RV Port
	2 * 12V / 3A DC5521
	1 * 12V / 10A Car Port
	2 * 15W Wireless Charging Pad

Input	AC: 500W Max.
	Solar: 35V~150V, 700W Max.
	Car: 200W Max.

Weight 26kg / 60.6lbs

Dimensions 420mm×280mm×386mm
(16.5in×11in×15.2in)

Certifications UN38.3, FCC, UL, PSE, CE, NTC, RCM

EP500

AC Output / Capacity

2,000W / 5,120Wh



or



or



or



3~5 * PV120

3~5* PV200

2~3 * PV350

2~3 * PV420

Specifications

Outputs

4 * AC 100 / 120V or 3 * AC 220V~240V
1 * 12V / 10A Car Port
2 * 12V / 10A DC5521
2 * 5V / 3A USB-A
2 * 18W USB-A
1 * USB-C
1 * 12V / 30A RV Port
2 * Wireless Charging Pad

Charging

AC: 600W Max.
Solar: 55V~145V, 1,200W Max.

Weight

76kg / 167lbs

Dimensions

580mm×300mm×760mm (22.8in×11.8in×29.9in)

Certifications

UN38.3, SRRC, FCC, UL, PSE, TELEC, CE, RCM

EP500Pro

AC Output / Capacity

3,000W / 5,120Wh



1~6 * PV120

or



1~5 * PV200

or



1~3 * PV350

or



1~3 * PV420

Specifications

Outputs	5 * AC 100 / 120V or 3 * AC 230V
	1 * 12V / 10A Car Port
	2 * 12V / 10A DC5521
	2 * 5V / 3A USB-A
	2 * 18W USB-A
	2 * USB-C
	1 * 12V / 30A RV Port
	2 * Wireless Charging Pad

Charging	AC: 3,000W Max.
	Solar: 12V~150V, 2,400W Max.

Weight	83kg / 183lbs
--------	---------------

Dimensions	580mm×300mm×760mm (22.8in×11.8in×29.9in)
------------	--

Certifications	UN38.3, SRRC, FCC, UL, PSE, TELEC, NTC, CE, RCM, LOA, ICASA
----------------	--



FLEXIBLE WORKING MODE

Fulfill your power needs with various modes to choose from.

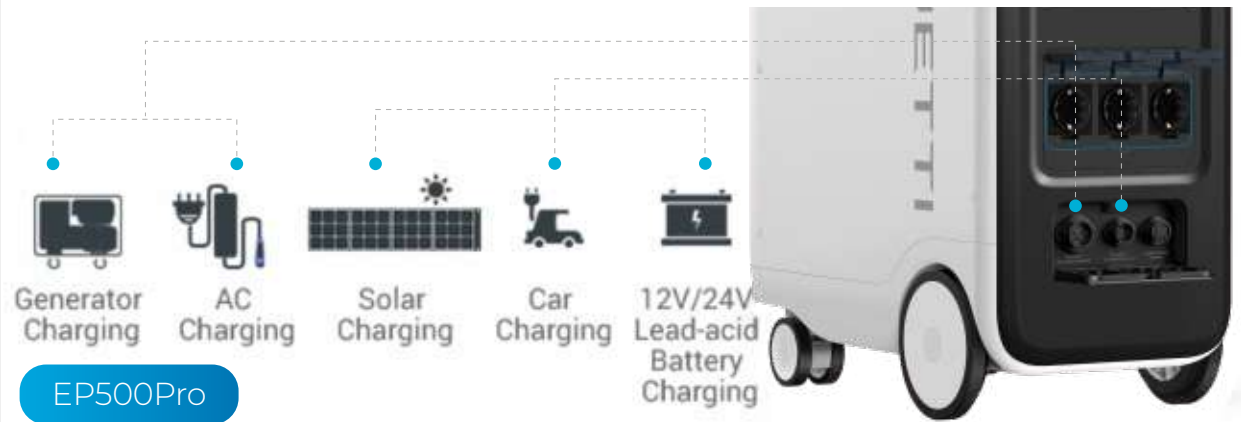
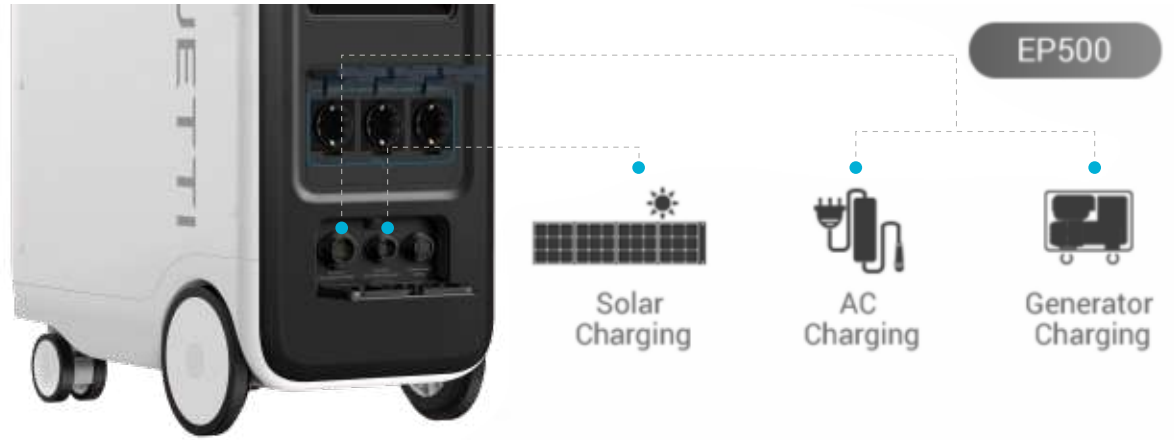
SMART AND CONTINUOUSLY EVOLVING

The EP500Pro features a built-in dual-core microcomputer and internet connectivity, enabling convenient firmware upgrades.



MULTIPLE RECHARGING WAYS

Charge up EP500 Series from various sources.



HOME INTEGRATION KIT



For EP800 / EP900

- **Function** : Connect the EP900 energy storage system to the home's main panel.
- **Compatibility** : EP900 and EP800



For AC500

- 1 x 50A Outlet Box (Reliance)
- 1 x Sub Panel With a 50A Inlet SS2-50 Box Inside (Reliance)
- 1 x 50A Split-phase AC Charging Cable
- 1 x 2* NEMA 14-50 to SS2-50R Cable (Connect two AC500 to transfer switch via NEMA 14-50 AC output ports.)
- 1 x Communication Cable



For AC300

- 1xSub Panel With a 30A Inlet Box Inside (Reliance)
- 1x30A Outlet Box (Reliance)
- 1x30A Split-phase AC Charging Cable
- 1x2*TT-30P to L14-30C (Connect two AC300 to transfer switch via TT-30P AC output ports.)
- 1 x Communication Cable



For EP500Pro

- 1xSub Panel With a 30A Inlet Box Inside (Reliance)
- 1x30A Outlet Box (Reliance)
- 1x30A Split-phase AC Charging Cable
- 1x2*L14-30 to L14-30C (Connect two EP500Pro to transfer switch via L14-30 AC output ports.)
- 1xCommunication Cable

BLUETTI SMART APP

Control and monitor multiple BLUETTI power stations from your smartphone.

YOU CAN

- Add new devices
- Control devices remotely
- View real-time status
- Share devices with friends and family
- Upgrade firmware





Manage Your Device Anywhere, Anytime

Get real-time status and set working modes as you wish when connected through Bluetooth or WiFi.

Prompt Service

BLUETTI team will follow up and solve any issues you may have in no time upon your submission of the service request.