

BLUETTI

TECHNOLOGY PIONEER
IN CLEAN ENERGY

ADU Power Solutions





Detached
ADUs



Attached
ADUs



Off-Grid
Tiny Homes



EP13K + B500

EP6K + AT1

Apex 300 + B300K

Reliable & Efficient Power Solutions

Highlights



BLUETTI



Power Solution For Large ADUs

Combo Includes

1 × EnergyPro 13K & 4 × EnergyPack 500 19.2kWh | 13.2kW

A smart, all-in-one energy storage solution with flexible capacity, designed to deliver complete off-grid independence.

1 × 100A Sub Panel

Offers a safe, simple way to power specific branch circuits from your energy storage system.

14 × 400W Rigid Solar Panels

Delivers up to 5,600W solar energy to help you achieve effortless energy independence.



Power Your Entire Home

Run high-demand appliances like electric stoves, ACs, and water pumps effortlessly with 13.2kW output.



Solar by Day, Battery by Night

Harness up to 22kW solar input for total energy independence.



Smart, Safe, Secure

Advanced BMS guards against overcharging, deep discharge, and short circuits.



Expandable Storage

Start with 19.2kWh and expand up to 76.8kWh for 24/7 power.



Install Fast, Save More.

The 155A bypass connects directly to your 100A sub-panel—no extra work, just a seamless setup.



Future-Ready Power

Parallel up to three units to meet growing energy requirements.

Energy Solutions Overview

Configuration	1* EnergyPro 13K + 2* EnergyPack 500	1* EnergyPro 13K + 3* EnergyPack 500	1* EnergyPro 13K + 4* EnergyPack 500	2* EnergyPro 13K + 8* EnergyPack 500+ATl	3* EnergyPro 13K + 12* EnergyPack 500+ATl
Max. Solar Input (kW)	22			44	66
Load Start Capability	150LRA			300LRA	450LRA
Max. Output with Solar (kW)	13.2			26.4	39.6
Max. Ouput without Solar (kW)	7.6	11.5	13.2	26.4	39.6
Rated Capacity (kWh)	9.6	14.4	19.2	38.4	57.6
Dimensions	25.0 × 12.8 × 41.2in	25.0 × 12.8 × 54.5in	25.0 × 12.8 × 67.8in	/	/

EnergyPro 13K Hybrid Inverter

General

Dimensions	25.0 × 12.8 × 14.6in
Net Weight	105lbs
Operating Temperature	-4°F to 131°F
Noise	≤50dB(A)
Connectivity	USB/WiFi/Bluetooth
Protection Grade	NEMA 4X
Cooling	Forced Air Cooling
Warranty	10 Years

AC Output (Backup)

Rated Power	13.2kW
Continuous Current	55A*2
Load Start Capability	150LRA
Rated Voltage	120V/240V
Frequency	60Hz
Phase	L1/L2/N/G

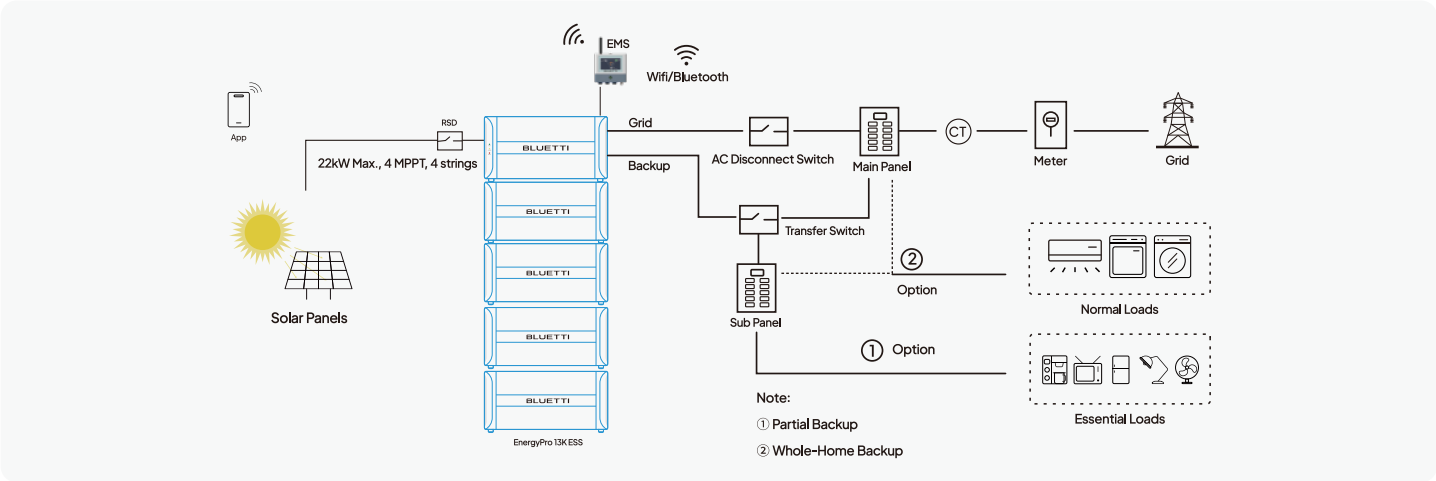
PV Input (DC-Coupled)

Max. Power	22kW
MPPT Voltage Range	100V-480V/350V
MPPT Channel	4
Max. Single MPPT Input Current	15A
Max. Continuous Input Current	18A

EnergyPack 500 Battery Pack

Battery Chemistry	LiFePO ₄
Capacity	4.8kWh
DoD	95%
Net Weight	127.8lbs
Protection Grade	NEMA 4X
Dimensions	25.0 × 12.8 × 13.3in

How it Works





For Large ADUs

System Configuration

2 × EnergyPro 6K 15.36kWh | 11.6kW

Pair with AT1 to provide quiet, compact, and scalable backup power for your entire ADU.

1 × AT1 Smart Distribution Panel

Seamlessly unites the solar, grid, and battery systems to deliver smooth, uninterrupted power.



Run Everything with Ease

Power your refrigerator, washing machine, AC, and more with 11.6kW of output.



Expandable Capacity

Expand from 15.36kWh to 38.4kWh as needed.



Quiet Operation

Powerful performance at just 35dB—so you can enjoy peace and quiet.



Solar-Ready

Works with Enphase, SolarEdge, and other solar systems.

EnergyPro 6K Energy Storage System

Energy Solutions	1* EnergyPro 6K	2* EnergyPro 6K	3* EnergyPro 6K	4* EnergyPro 6K	5* EnergyPro 6K
Rated Power (kW)	5.8	11.6	17.4	23.2	29
Rated Capacity (kWh)	7.68	15.36	23.04	30.72	38.4

EnergyPro 6K

General	
Dimensions	23.6 × 7.3 × 36.8in
Net Weight	198lbs
Operating Temperature	-4°F to 122°F
Connectivity	WiFi/Bluetooth
Noise	≤25dB(A)
Protection Grade	NEMA 4X/IP65
Cooling	Natural Cooling
Warranty	10 Years
Self-consumption	28W

AC Output (Backup)

Rated Power	5.8kW
Rated Voltage	120V/240V
Frequency	60Hz
Rated Current	24A
Overload Capacity	11,520VA (10s)
Phase	L1/L2/N/G

Built-in Battery

Capacity	7.68kWh
DoD	90%
Operating Voltage Range	63V-87V
Battery Chemistry	LiFePO4

AT1 Smart Distribution Panel

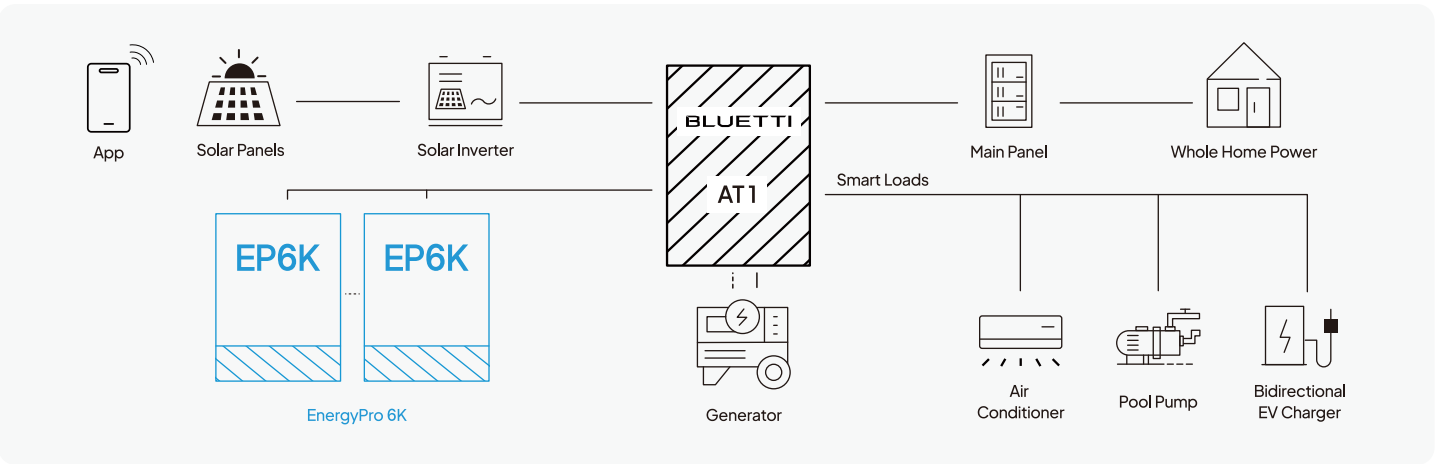
General	
Operating Temperature	-4°F to 122°F
Net weight	44lbs
Communication	Bluetooth/WiFi/RS485
Protection Grade	NEMA 3R
Warranty	10 Years
Dimensions	21.7 × 6.4 × 31.5in

Electrical

Coupling	AC-coupled
Split Phase	L1/L2/N/G
Current Rating	200A
Rated Voltage	120V/240V
Rated Frequency	60Hz
UPS Time	< 20ms
Grid Current	200A Max. (160A Continuous)
Backup Current	200A Max. (160A Continuous)
Max. ESS Continuous Current	2*80A
Max. Generator Continuous Current	80A
Max. Solar Continuous Current (Microinverters)	80A
Max. Smart Load Continuous Current	80A

*Specifications are subject to change.

How it Works





For Medium ADUs

System Configuration

1 × EnergyPro 6K 7.68kWh | 5.8kW

Works with AT1 to deliver reliable backup power that's quiet, space-saving, and easy to scale for your whole ADU.



High Power, Fully Scalable

Delivers 5.8kW output and 7.68kWh per unit, parallelable with up to 5 units.



Control at Your Fingertips

Monitor and manage everything via the BLUETTI app.



Space-Saving

Compact and wall-mounted for a neat, clean setup.



Adaptable Storage

Start with 7.68kWh and expand up to 38.4kWh as your needs grow.

EnergyPro 6K Energy Storage System

Energy Solutions	1* EnergyPro 6K	2* EnergyPro 6K	3* EnergyPro 6K	4* EnergyPro 6K	5* EnergyPro 6K
Rated Power (kW)	5.8	11.6	17.4	23.2	29
Rated Capacity (kWh)	7.68	15.36	23.04	30.72	38.4

EnergyPro 6K

General	
Dimensions	23.6 × 7.3 × 36.8in
Net Weight	198lbs
Operating Temperature	-4°F to 122°F
Connectivity	WiFi/Bluetooth
Noise	≤25dB(A)
Protection Grade	NEMA 4X/IP65
Cooling	Natural Cooling
Warranty	10 Years
Self-consumption	28W

AC Output (Backup)

Rated Power	5.8kW
Rated Voltage	120V/240V
Frequency	60Hz
Rated Current	24A
Overload Capacity	11,520VA (10s)
Phase	L1/L2/N/G

Built-in Battery

Capacity	7.68kWh
DoD	90%
Operating Voltage Range	63V-87V
Battery Chemistry	LiFePO ₄

AT1 Smart Distribution Panel

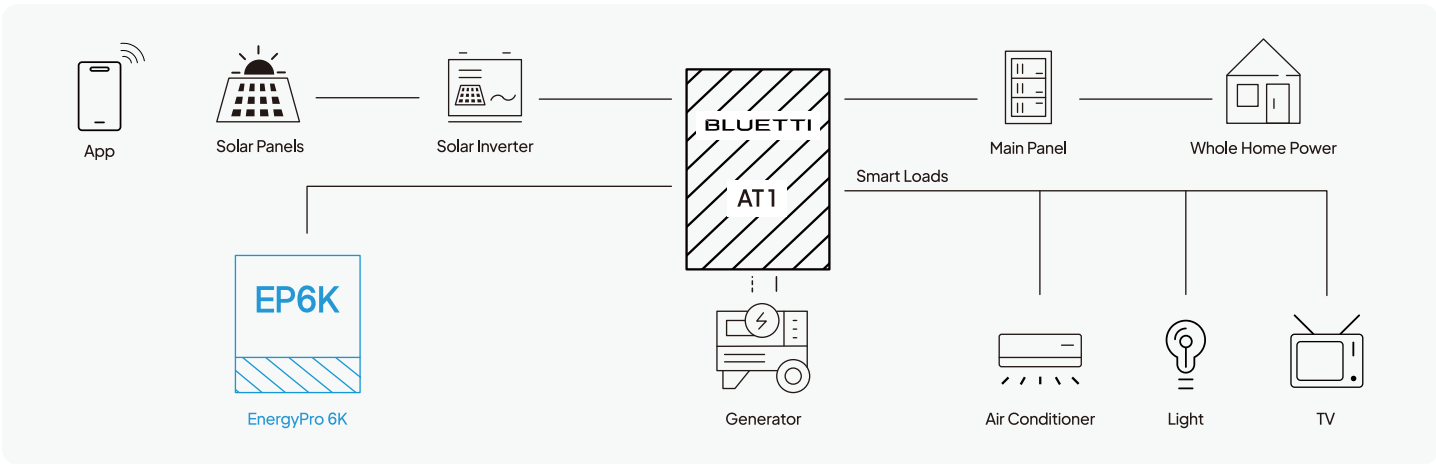
General	
Operating Temperature	-4°F to 122°F
Net weight	44lbs
Communication	Bluetooth/WiFi/RS485
Protection Grade	NEMA 3R
Warranty	10 Years
Dimensions	21.7 × 6.4 × 31.5in

Electrical

Coupling	AC-coupled
Split Phase	L1/L2/N/G
Current Rating	200A
Rated Voltage	120V/240V
Rated Frequency	60Hz
UPS Time	< 20ms
Grid Current	200A Max. (160A Continuous)
Backup Current	200A Max. (160A Continuous)
Max. ESS Continuous Current	2*80A
Max. Generator Continuous Current	80A
Max. Solar Continuous Current (Microinverters)	80A
Max. Smart Load Continuous Current	80A

*Specifications are subject to change.

How it Works





For Mobile Tiny Homes

Combo Includes

1 × Apex 300 + 2 × B300K 8.29kWh | 3.84kW

A smart, all-in-one energy storage solution with flexible capacity, designed to deliver complete off-grid independence.

Powerful, Compact Solution

With 3,840W output and an 8.29kWh battery, this unit runs both 120V and 240V appliances at the same time.

Flexible Off-Grid Power

Capture up to 4kW of solar energy and recharge in just 2.6 hours with the SolarX 4K charge controller.

Expandable for More Power

Start with 8.29kWh and add more modular batteries as your off-grid needs grow.

Reliable Backup

Works with a generator to give you more backup power when needed.

Portable & Easy to Install

Lightweight and simple to move, perfect for tiny homes on the go.

Energy Solutions Overview

Configuration	1* Apex 300 + 2* B300K	1* Apex 300 + 4* B300K	1* Apex 300 + 4* B300K	2* Apex 300 + 6* B300K	3* Apex 300 + 6* B300K
Max. Solar Input (kW)	2.4			4.8	7.2
Output Power (kW)	3.84			7.36	11.04
Rated Capacity (kWh)	8.30	13.82	19.35	19.35	24.88

Apex 300

General	
Dimensions	20.67 × 12.87 × 12.6in
Net Weight	83.78lbs
Charging Temperature	32°F to 104°F
Discharging Temperature	-4°F to 104°F
Warranty	5 Years
Scalability	Expandable w/ Up to 6 x B300K, 6 x B300S, 4 x B300

Built-in Battery	
Capacity	2,764.8Wh
Battery Type	LiFePO ₄
Life Cycles	6,000+ Cycles to 80% Original Capacity
Management System	MPPT Controller, BMS, etc.

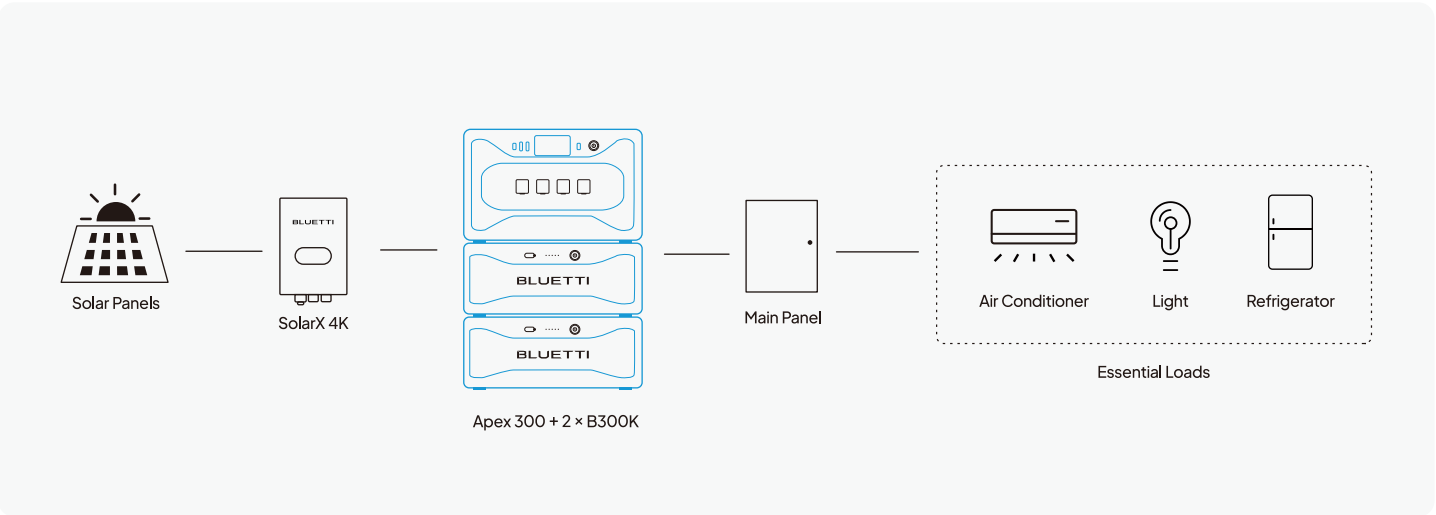
Output	
AC Outlets	4 x 120V/20A Outlets (1,920W Max. per Pair)
	1 x 120V/30A NEMA TT-30R, 3,600W Max.
	1 x 120V/240V, 50A NEMA L14-50R, 3,840W Max.
	3,840W in Total
Lifting Power	7,680W

Input	
15A AC Input	120V, 1,440W Max.
50A AC Input (P050A)	120V: 6,000W Max. (Charging + Bypass)
	240V: 12,000W Max. (Charging + Bypass)
Solar Input (2 x XT60PM-M)	1,200W Max. per Port, 12V-60V, 20A Max., 2,400W in Total

B300K Battery Pack

Battery Chemistry	LiFePO ₄
Capacity	2,764.8Wh
Life Cycles	4,000+ Cycles to 80% Original Capacity
Dimensions	20.67 × 12.87 × 8.23in
Net Weight	Approx. 65.04lbs
Charging Temperature	32°F to 104°F
Discharging Temperature	-4°F to 104°F

How it Works





BLUETTI Partners



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-  Partners: inquiry@bluetti.com
-  Media Cooperation: pr@bluetti.com
-  Customer Support: distribution.service@bluetti.com