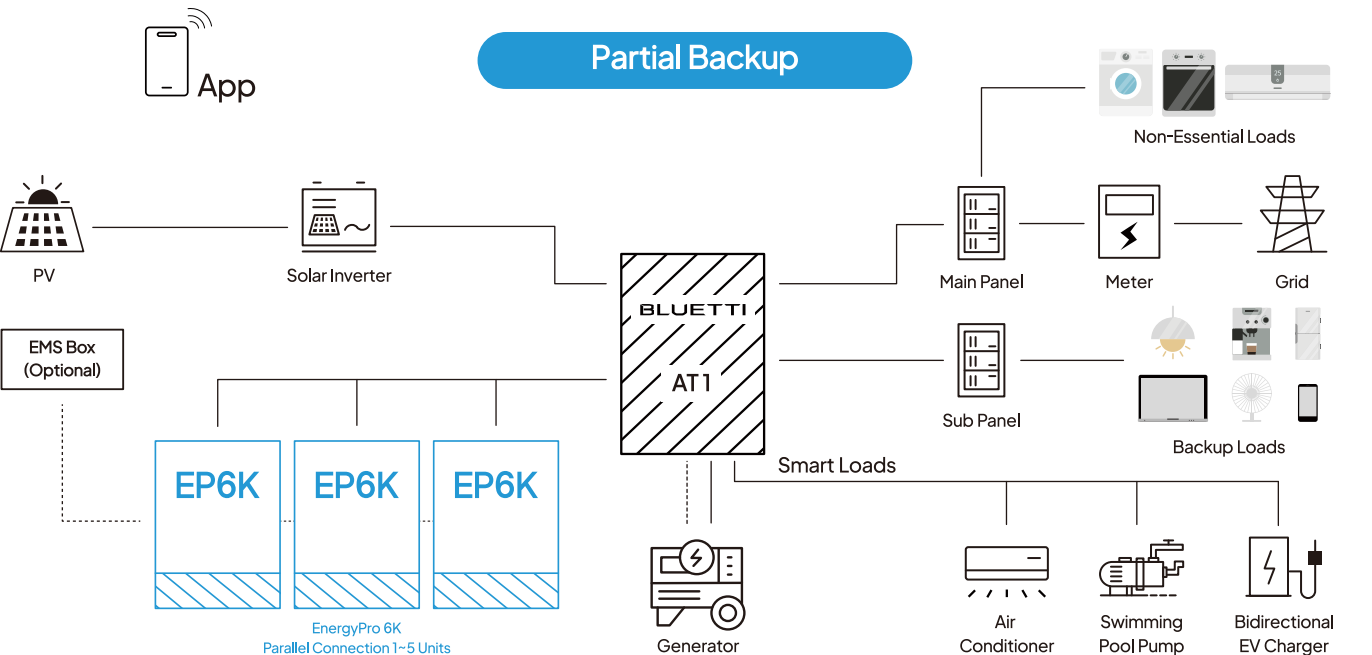
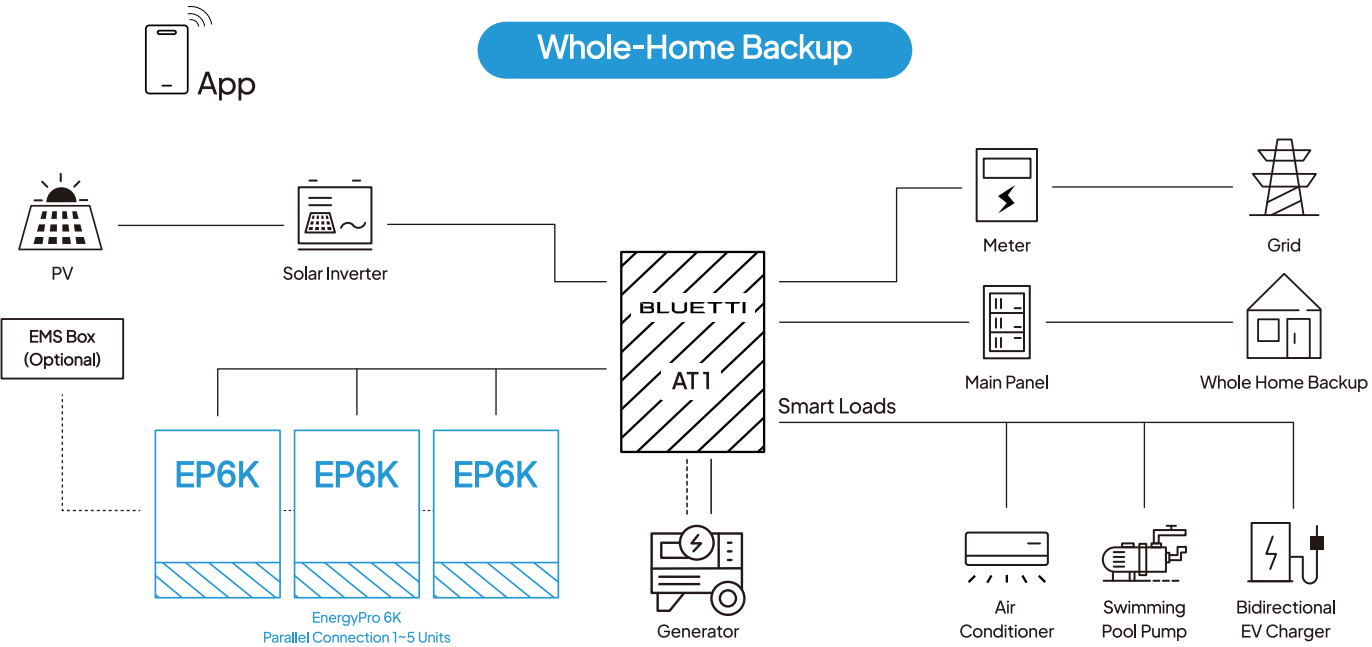


EnergyPro 6K + AT1 Smart Distribution Box

Upgrade your home panel with the AT1 Smart Distribution Box to create an independent microgrid. Connect solar inverters, storage batteries, smart loads, bi-directional EV chargers, and generators, making full or partial home backup a breeze.



Contact US



EnergyPro 6K Smart Home Energy Solution

Your Home, Your Future

5.76kW-28.8kW | 7.68kWh-38.4kWh | On/Off Grid | Split Phase

*Product information is subject to final release.



AC Coupling

Integrate with your existing home solar system for energy self-consumption.



Passive Cooling

Long-lasting performance for over 10 years.



Whole-Home Backup

Uninterrupted power when paired with the AT1 distribution box.



All-in-One System

Quick and easy installation, saving both time and money.



Easy Expansion

Parallel connection with up to 5 units.



LFP Battery Cells

Ensure safe operation and extended lifespan.

EnergyPro 6K

Each unit features 5.76kW output and 7.68kWh capacity, supporting up to five units in parallel. Paired with the AT1 Smart Distribution Box, it provides worry-free energy independence for whole-home backup protection.



AT1 Smart Distribution Box

A central power hub connects EnergyPro 6K with your home's solar inverters, grid, generators, and EV chargers, ensuring uninterrupted power during outages. It also supports smart load management, bi-directional EV charging, and generator integration.



Technical Specification

EnergyPro 6K



AT1 Smart Distribution Box



EnergyPro 6K

AC Output (Backup)

Rated Power	5.76kW
Rated Voltage	120V/240V
Frequency	60 Hz
Rated Current	24A
Overload capacity	11520VA(10s)
Phase	L1/L2/N/G

Battery Parameters

Capacity	7.68kWh
DOD	90%
Battery Chemistry	LiFePO4

General

Operating Temperature	-4°F to 122°F
Noise	≤35dB
Net Weight	198 lbs / 90 kg
Cooling	Natural cooling
Connectivity	Wi-Fi/Bluetooth
Protection Grade	NEMA 4X / IP65
Warranty	10 years
Dimensions	23.6 × 7.3 × 36.8 in
Rated Frequency	60±5Hz
Self-consumption	28W

AT1 Smart Distribution Box

Electrical

Grid Current	200A Max. (160A Continuous)
Backup Current	200A Max. (160A Continuous)
ESS Current	2*80A
Generator Current	80A
Solar Current (Microinverters)	80A
Smart-load Current	80A

General

Operating Temperature	-4°F to 122°F
Communication	General: Bluetooth/WIFI/Ethernet/4G EV: RS485
Protection Grade	NEMA 3R
Warranty	10 years
Dimensions	21.7 × 6.4 x 31.5 in
Net Weight	44 lbs
Compatible Models	EP900/EP800 EnergyPro 6K/EnergyPro 13K