

ZENDURE

SuperCharged[Ⓞ]



SuperBase V Plug-and-Play Energy Storage System

**Semi-Solid State
Battery**



**120V/240V
Dual Voltage**



**3,000W
Solar Charging**



**6.4 to 64kWh
Scalable Capacity**



**Max 6.6kWh
Recharge in 1 Hour**



**6,600W
Dual Recharge**



**3,800W to 7,600W
AC Output**



Zero-Downtime UPS





3,800W to 7,600W AC Output

True Household Power



One Base Unit:
Maximum **3,800W**

















Two Base Units*:
Maximum **7,600W**

A single SuperBase V can provide up to 3,800W of power, and two units can be connected together to provide up to 7,600W. That's enough power to supply a typical household with a washer, dryer, heater, refrigerator and more.

* Two superbaseV can be paralleled via Home panel or ZenY cable

Covering 99% home appliances

	 SuperBase V6400	 SuperBase V4600	 SuperBase V6400 + Satellite Battery	 SuperBase V4600 + Satellite Battery	 SuperBase V6400*2 + Satellite Battery*8	 SuperBase V4600*2 + Satellite Battery*8
Capacity (Wh)	6,438	4,608	12,876	9,216	64,380	46,080
 Hair Dryer 1,600W	3.6 H	2.5 H	7.5 H	5 H	37 H	26 H
 Microwave Oven 1,300W	4.5 H	3 H	9 H	6.5 H	45 H	32 H
 Air Conditioner 1,500W	4 H	2.7 H	8 H	5.5 H	39 H	28 H
 Induction Cooker 1,800W	3.2 H	2 H	6.5 H	4.5 H	32 H	23 H
 Air Compressors 1,000W	5 H	4 H	12 H	8 H	59 H	42 H
 Cooktop 2,400W	2.4 H	1.7 H	5 H	3 H	24 H	17 H
 Water Heater 4,500W	/	/	/	/	12 H	9 H
 Clothes Dryer 5,400W	/	/	/	/	10 H	7 H

120V/240V In One Unit



Most of the time your home or worksite includes power-heavy appliances or power tools. Electric dryers, water heaters, oven/ranges, cutting machines are some common examples of power hungry appliances that might technically function on 120-volt current but won't operate as effectively.

While other products on the market can provide 120V or 240V, SuperBase V is the first and only system that can supply both at the same time, from a single base unit, thanks to our patented GridFlow 2.0 Real-Time Bidirectional Inverting* Technology. This also makes 240V on the road a reality, making it an ideal worksite companion.

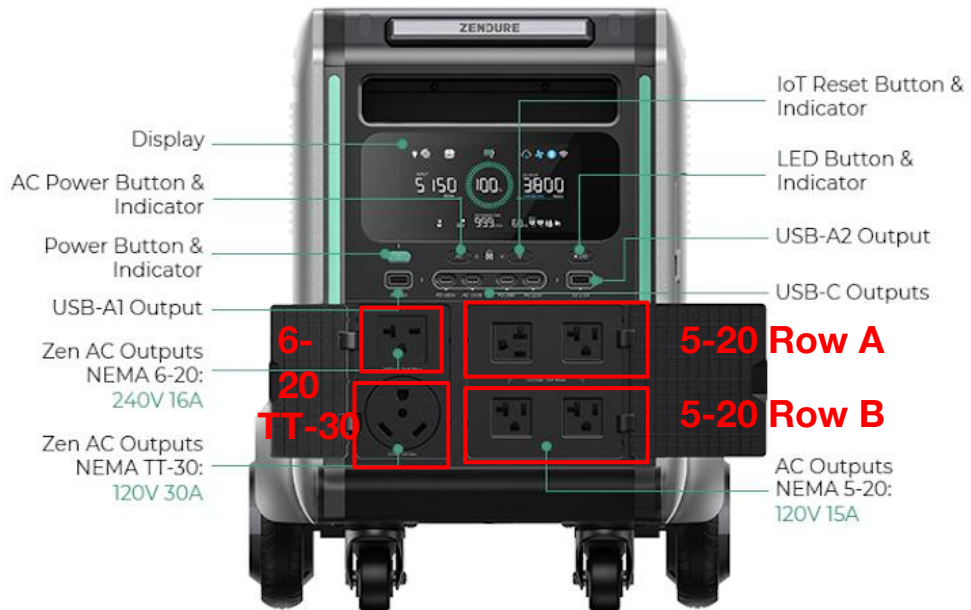




Seamless Online UPS

Sensitive electrical equipment can fail or sustain damage from even a brief interruption in power. When choosing an uninterruptible power supply, every millisecond counts. SuperBase V's backup power switches on in 0ms*, again thanks to our GridFlow 2.0 Real-Time Bidirectional Inverting Technology. It doesn't get more "uninterruptible" than that.

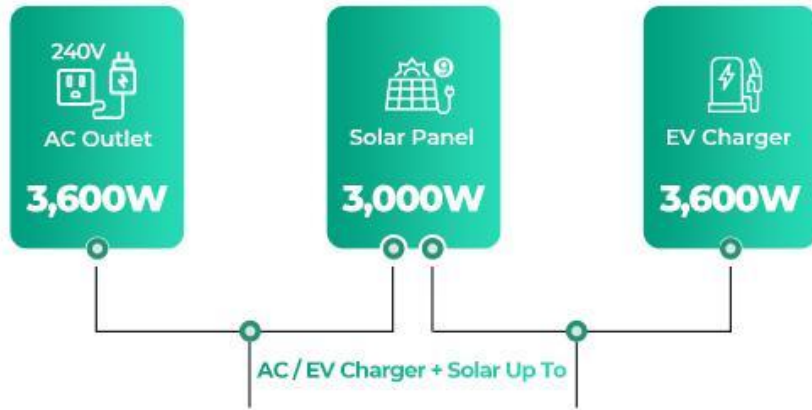
AC Input	AC output				
	5-20 Row A	5-20 Row B	TT-30	6-20	Total
0 (Normal Mode)	1900W	1900W ¹	1900W ¹	3800W	3800W shared long time loads-carrying
0 (RV Mode)	1900W	1900W ²	3600W ² Support long time loads-carrying	0	Total 3800W shared
120V input UPS Mode	1800W ³	1900W (battery powered)	1900W (battery powered)	3600W ³ (Mixed Powered)	Total 3800W shared
240V input	0	0	0	0	0 ⁴



1. 5-20 Row B and TT-30 use the same hot wire , they share a total of 1900W output.
2. Under RV mode, the 240V output will be shut down and TT-30 will be granted a maximum 30A current. **Since Row B and TT-30 share one same hot wire, Row B actually shares this 30A, but since the current limit of 5-20 is 20A, it's not recommend to plug in any loads >1900W to Row B under this mode.**
3. When plug in 120V AC input,the input current will be limited to 15A:
 - 5-20 Row A will use the 120V input AC as its power source, so $120 \times 15 = 1800W$
 - 6-20 will use 120V from AC input and another 120V from inverter, $240 \times 15 = 3600W$
 - TT-30 and Row B will still use inverter as power source. same as normal

6,600W Multicharge

The Fastest Dual-Charge in the Industry



6,600W



3,600W 240V AC Input

Charge SuperBase V from a 120V or 240V outlet AC. At 240V, SuperBase V can draw 3,600W at its AC input and recharge in about 2 hours.



3,000W Solar Input

SuperBase V can charge up to 3,000W using solar power alone. While we offer our own solar panels, it is compatible with a wide range of other brands' solar panels from 12V to 150V and can be easily integrated into your existing solar system.

* 5150W maximum input on base units own, 6600W maximum when connected to a satellite battery

Fully Recharged in 2-4 hours

Fully Charged Time

6,600W



AC + Solar Power +
Satellite Battery

4,500W / 5,150W



AC + Solar Power

3,600W



EV Charger

3,000W



Solar Charging

3,600W



AC Outlets 240V

1,800W



AC Outlets 120V

3,600W



Generator (240V)

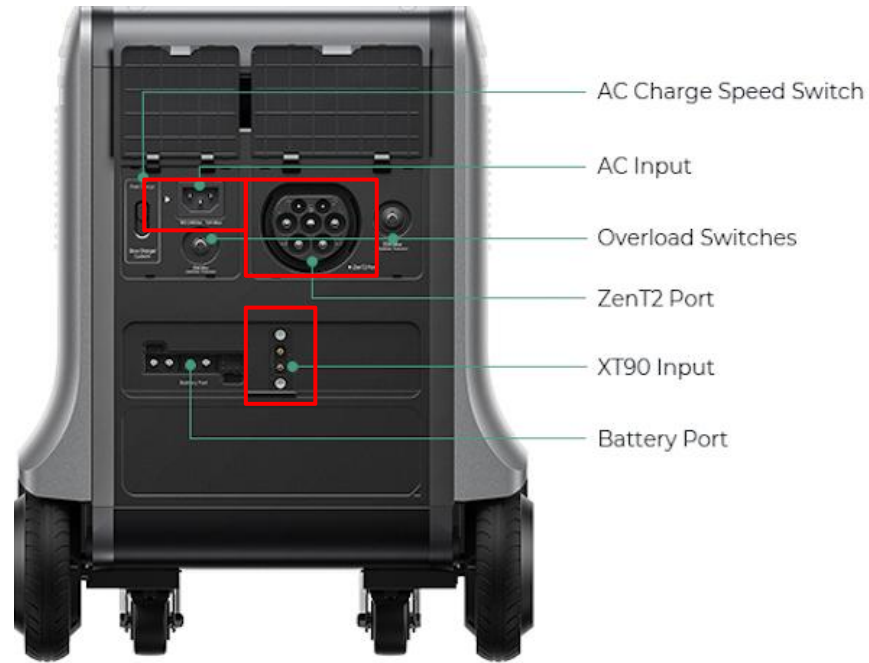
1,800W



Generator (120V)

LFP LiFeP04

SSB Semi-Solid State



	AC port	XT90 port (Solar)	ZenT2 port	Car Input port (Xt90)
Input power	120V/1800W 240V/3600W ¹	10-150V/3000W Max ²	90V-250V 3600W Max	12/24V DC 10A, 120W/240W Max
Fully charged time	120V: 3H/4H 240V: 2.2H/2.5H	2.5H/3H	2.2H/2.5H	40H/55H

1. Only 120V Cable in the box
2. Changed to 60V/2000W due to certification limitation, will provide OTA to users to download and reach 3000W

EV-Grade Semi-Solid State Batteries



SuperBase V is the world's first home energy storage system with semi-solid state batteries. At more than 228Wh/kg, our semi-solid state batteries have up to 42% more energy per pound compared to lithium iron phosphate (LiFePO4) batteries. And with our battery management software, internal battery life can be as amazing as 10 years or more. Semi-solid state batteries also pose less of a safety risk if damaged, which is critical for home energy management.





Battery Cell Type

SSB

LFP

LFP

LFP

Capacity

6,438Wh

4,608Wh

3,600Wh

3,000Wh

Cycle Life

3000

6000

3500

3500

Expandability

**32 Kwh
Max**

**23 Kwh
Max**

12.5 Kwh Max

**12.2 Kwh
Max**

AC Outputs

3800W Max

3600W Max

3000W Max

Surge Output

5000W

4500W

6000W

Dual Volt
(120/240V)



×

×

AC Inputs

3600W 240V

3000W 240V

3000W 240V

Solar Inputs

3000W Max

1600W Max

2400W Max

Plug-and-Play Energy Storage/Use

Home batteries can be quite heavy. SuperBase V's rear wheels are motorized to help lighten the load. Simply pull the handle and enjoy true portability, even on inclined surfaces.

Double the capacity of SBV and increase its max input power by simply stacking a Satellite Battery on top. More batteries can be added to the system with the included cable.



Plug



Play

Easy-to-Use Expansion Modules

Stack or Snap for More Energy Storage

(Up to 4 for Each SuperBase Unit)



Just One Cord

A Plug-and-Play Upgrade for Your Home



Motorized Wheels

A Revolution in Portability

Easy-to-Use Expansion Modules

Simple, sturdy, stackable.



4.6 to 64 kWh - Custom Fit for Your Use



4.6kWh
6.4kWh

SuperBase V x1

9.2kWh
12.8kWh

SuperBase V x1
Satellite Battery x1

18.4kWh
25.6kWh

SuperBase V x2
Satellite Battery x2
Home Panel x1

23kWh
32kWh

SuperBase V x1
Satellite Battery x4

46kWh
64kWh

SuperBase V x2
Satellite Battery x8
Home Panel x1

- SBV4600/AB4600 LiFePO4
- SBV6400/AB6400 Semi-Solid State

4~20KWh Expandable, No Install & Price Competitive




ZENDURE
Get Charged. Get Going.
\$2,999

\$2,999 \$2,999

\$4,599

Start from \$4,599

18.4KW
h

\$13,596




TESLA

13.5KW
h

\$11,000




ENPHASE.

21KWh

\$28,700




solaredge

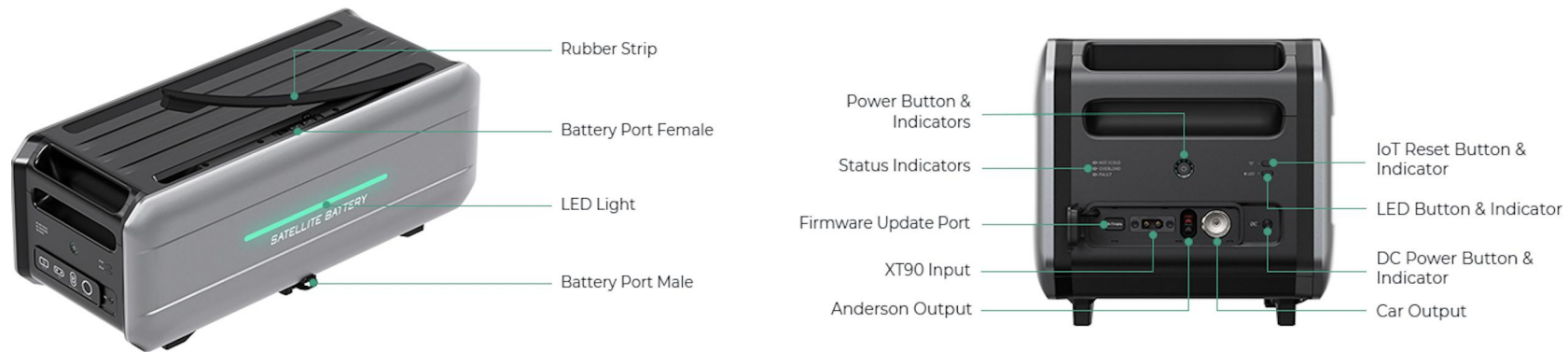
19.6KWh

\$19,600

Base unit:



Satellite Battery:



Generator Replacement

1. Backup Power for Emergency Use

- Blackouts/Disasters

1. Backup Power for Full Scenarios

- Indoor&Outdoor Multi-Applications
- Peak-Load Shifting

Powering Home



Work Site



Off-grid Living/RV

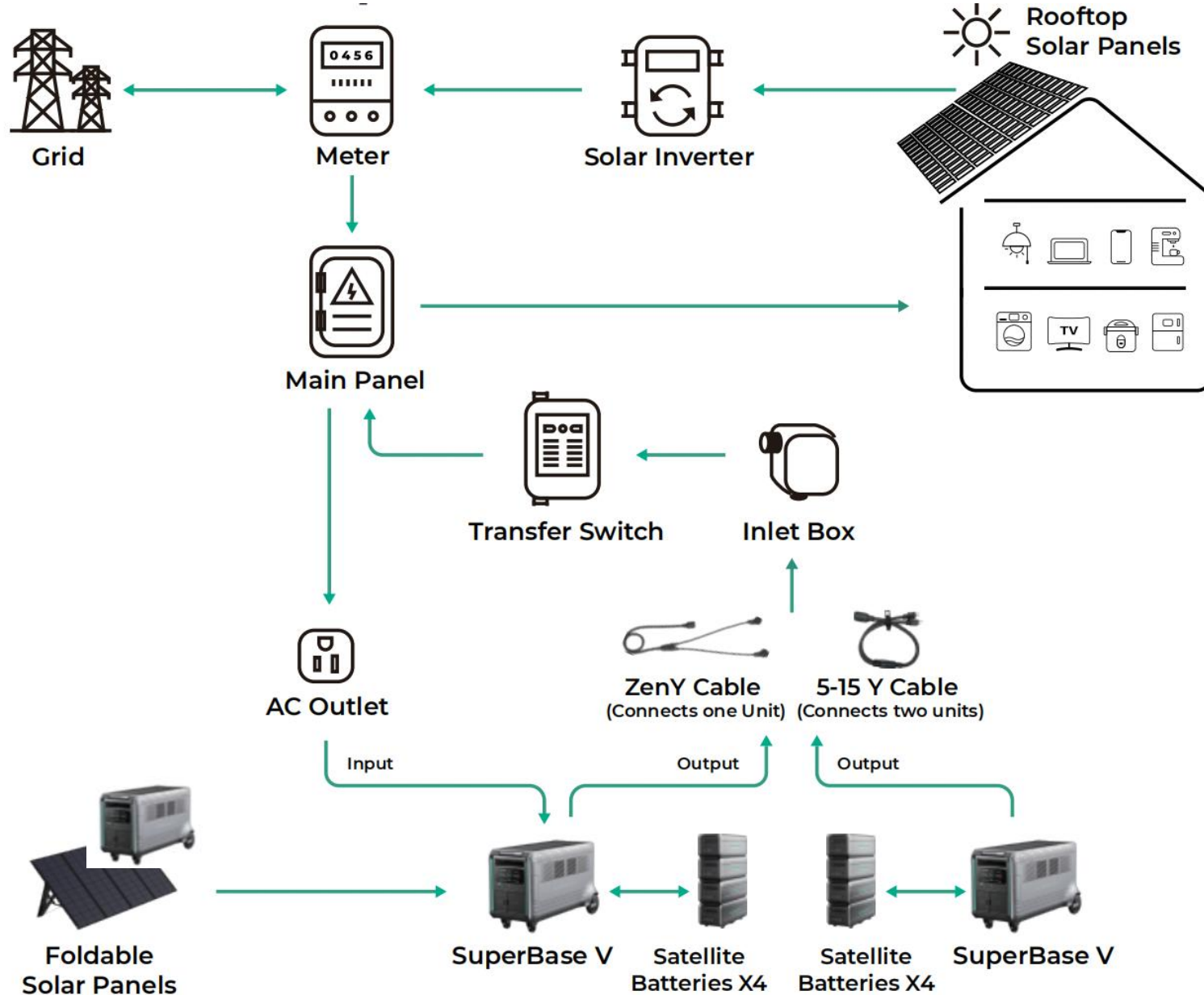


Traditional generator - powering home scenario



The typical way to use a portable generator for home power backup is to use it in conjunction with a manual transfer switch. The generator connects to the [transfer switch](#) which is plugged into an outlet receptacle installed on the outside of the house ("power inlet box"). A cable on the inside of the house runs from the outlet to the transfer switch.

Usage Scenario - Backup Power (Connecting Main Panel)





1. One Unit Solution:



1 SBV
NEMA 5-15 Y Cable
30A Transfer Switch

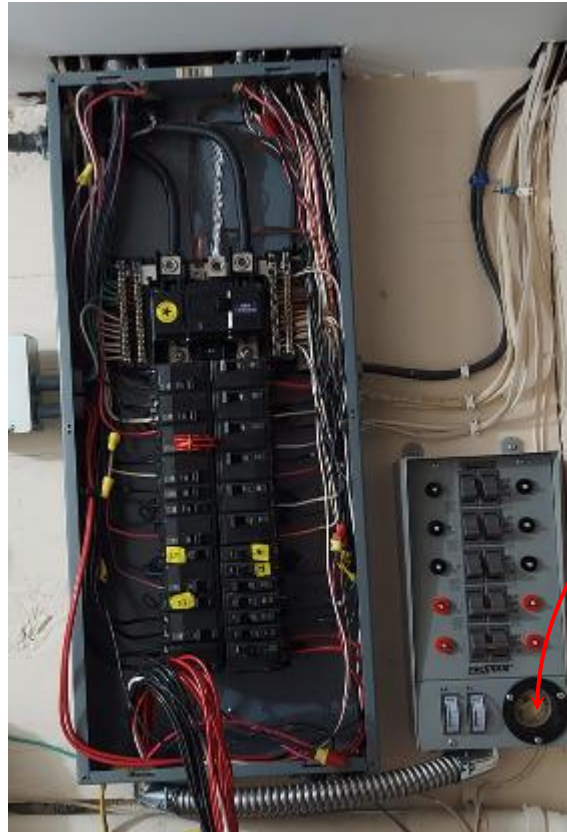


2. Two Units Parallel Solution:



2 SBV
ZenY Cable
30A Transfer Switch

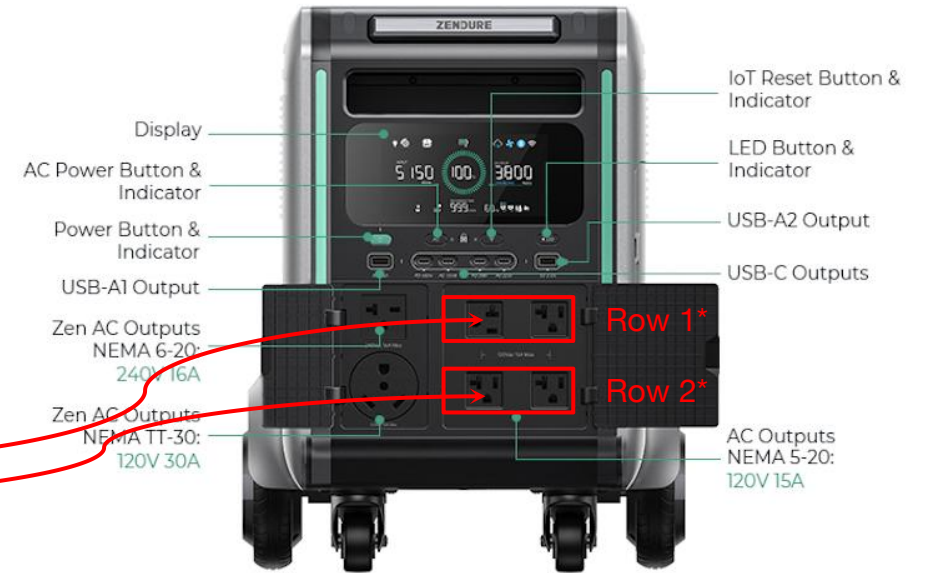
SBV replacement solution: NEMA 2*5-15 to L14-30R



**Output: 120V/240V,
Maximum 3800W
(1900W*2)**

L14-30 Receptacle Female

2* 5-15 Plug Male



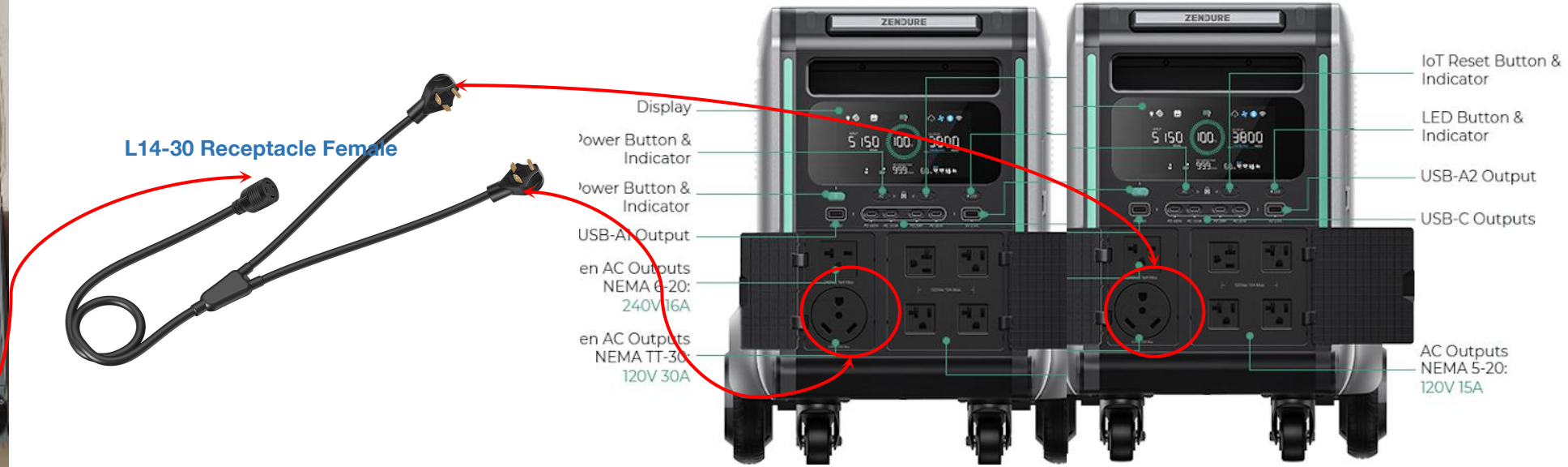
* The two 5-15 Male plugs must be plugged into separated rows in SBV (Row 1 and Row 2 shown in picture)

* NEMA 5-15 and NEMA 5-20 are compatible each other (5-15 15A, 5-20 20A)

SBV is the only system that can supply 120V/240V from a single base unit in the market. A lot of large appliances that are motor-driven requires 240-volt to run efficiently such as:

- Oven, range, or cooktop
- Central air conditioner
- Water Heater
- Dishwasher
- Air compressors
- Welding Machines

ZenY Cable to L14-30R



Output: 120/240V, 120V 3600W, 240V 7200W

Model

Required Accessories

Output Port

Output Voltage

Wattage

ZENDURE
SuperCharged[®]

Unit

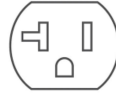


SBV Singel



5-15 Male to L14-30R Female

NEMA 5-20



120V/240V

240V:3800W
120V:1900W

Only Model which can output 120V/240V Dual voltage from one unit!



2 SBVs



ZenY Cable

NEMA TT-30



120V/240V

240V:7200W
120V:3600W

EcoFLOW

Unit



Delta Pro Single



TT-30P Male to L14-30R Female

NEMA TT-30



120V Only

Maximum 3200W



2 Delta Pro



EF Double Voltage Hub L14-30R to L14-30P

Ecoflow Infinity port



240V Only

Maximum 7200W

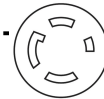
BLUETTI

1 AC500 + B300s



L14-30R to L14-30P

NEMA L14-30R



120V Only

Maximum 3600W



2 AC500 + B300s



Bluetii P030A Fusion Box L14-30R to L14-30P

NEMA L14-30R



120V/240V

Maximum 7200W

Advantages over petrol generators - features comparison



VS



35~55 dB



Noise Level

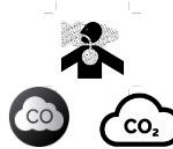
65 ~ 90 dB



Zero emission



Emissions



carbon dioxide, carbon monoxide,
possible inhaling fumes risks

Unlimited renewable source /
Wall socket



Power Sources



it may be easy to refuel instantly, but it may
also be the biggest obstacle to find petrol

No need to maintain



Maintenance



regular maintenance is required

Indoor placement, weather proof

Operating
location

Outdoor, affected by the weather conditions

App control, remote start,
customized use mode

Intelligence

No app connection, some models need
manual pull chain start

What's more - benefit from IRA Solar Tax Credit

26 U.S. Code § 25D - Residential clean energy credit

(a) ALLOWANCE OF CREDIT

In the case of an individual, there shall be allowed as a credit against the tax imposed by this chapter for the taxable year an amount equal to the sum of the applicable percentages of—

- (1) the qualified solar electric property expenditures,
- (2) the qualified solar water heating property expenditures,
- (3) the qualified fuel cell property expenditures,
- (4) the qualified small wind energy property expenditures,
- (5) the qualified geothermal heat pump property expenditures, and
- (6) the qualified battery storage technology expenditures,

made by the taxpayer during such year.

What expenses are included?

The following expenses are included:

- Solar PV panels or PV cells (including those used to power an attic fan, but not the fan itself)
- Contractor labor costs for onsite preparation, assembly, or original installation, including permitting fees, inspection costs, and developer fees
- Balance-of-system equipment, including wiring, inverters, and mounting equipment
- **Energy storage devices** that have a capacity rating of 3 kilowatt-hours (kWh) or greater (for systems installed after December 31, 2022). If the storage is installed in a subsequent tax year to when the solar energy system is installed it is still eligible, however, the energy storage devices are still subject to the **installation date requirements**). Note: A private letter ruling may not be relied on as precedent by other taxpayers.
- Sales taxes on eligible expenses

The qualified battery storage system credit can be claimed on federal income taxes for 30% of the cost of the whole system paid for by the taxpayer.

How to qualify SBV for IRA?

qualified battery storage technology expenditure

(6) Qualified battery storage technology expenditure The term "qualified battery storage technology expenditure" means an expenditure for battery storage technology which— (A) is installed in connection with a dwelling unit located in the United States and used as a residence by the taxpayer, and (B) has a capacity of not less than 3 kilowatt hours.

Qualified Battery storage system:

1. Is installed in connection with a dwelling unit in US
2. Capacity \geq 3 Kwh



SBV Single Unit



5-15 to L14-30R Cable



Transfer switch + Inlet Box



Home Main Load Panel



Two SBV



ZenY Cable



Transfer switch + Inlet Box



Home Main Load Panel

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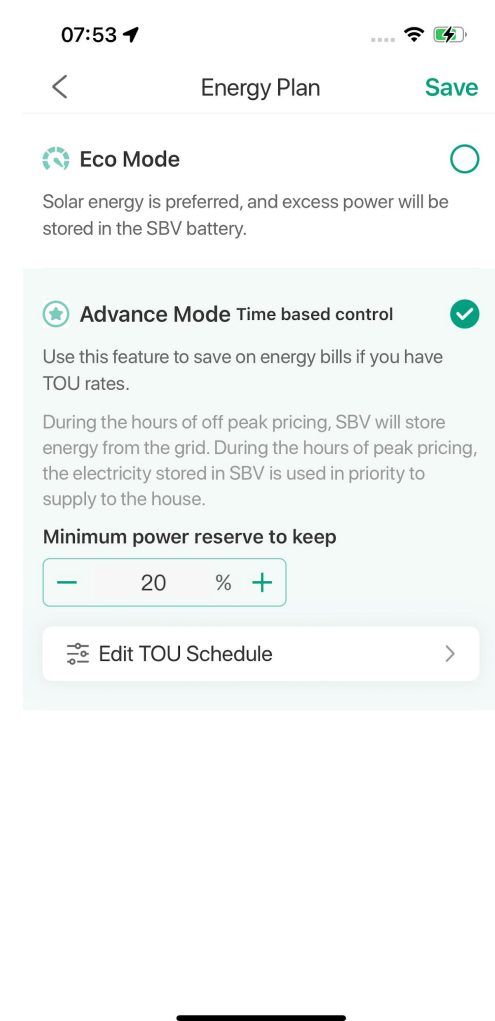
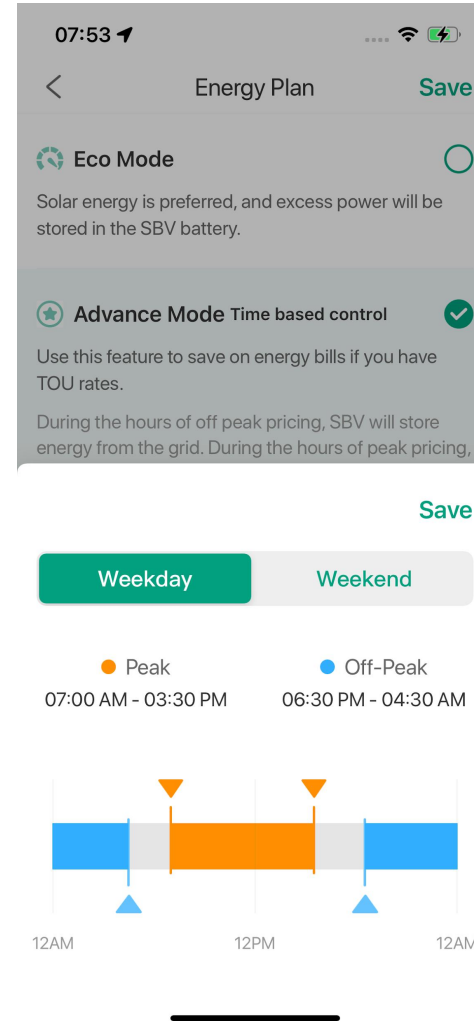
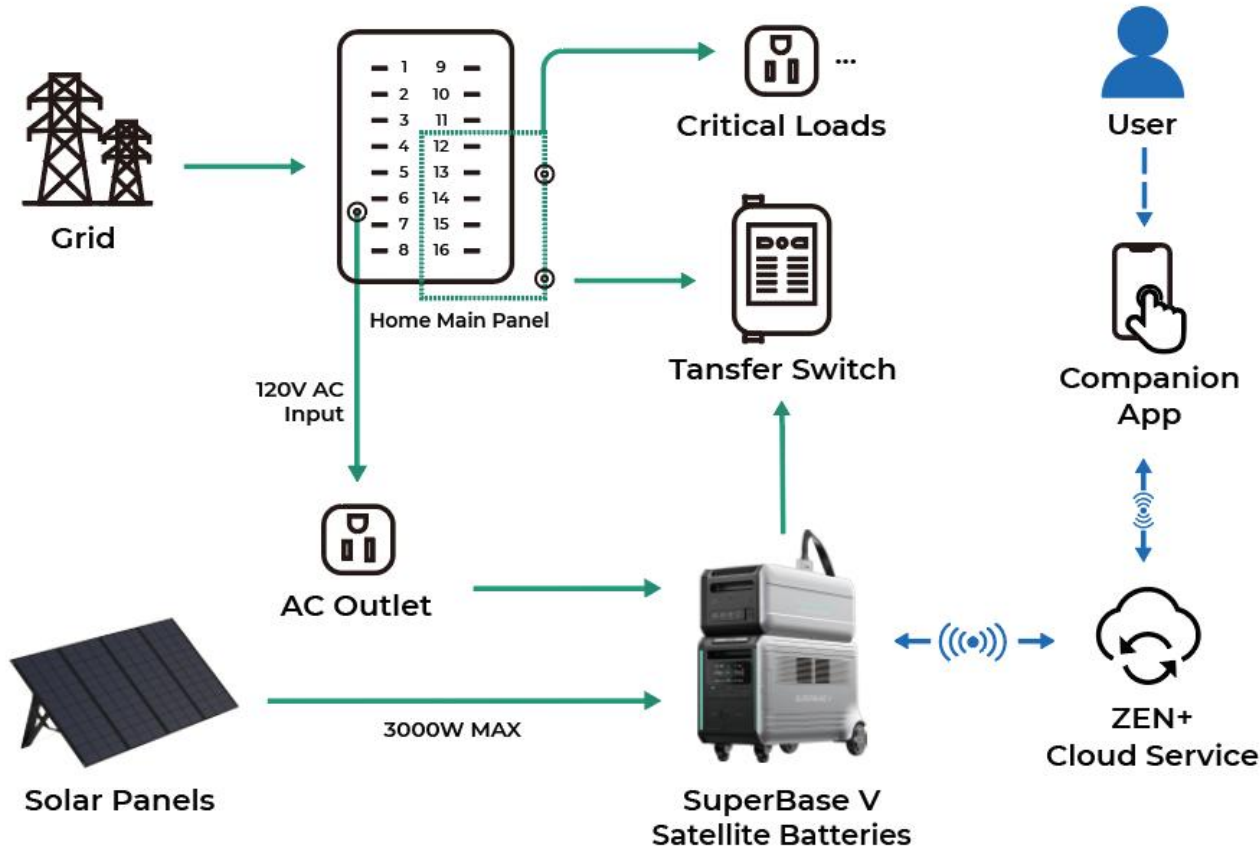
Cost-effectiveness Case Study - back-up power

As the usage time increases, the economic advantages of batteries compared to fuel generators will become increasingly significant.

Model	SBV4600	SBV4600+1600W PV	SBV6400	SBV6400+1600W PV	EU3000iS	Champion 5500W
Price	3999	5997	5999	9995	2399	1099
Price - 30% Tax Credit	2799.3	4197.9	4199.3	6996.5	2399	1099
Capacity	4.6	4.6	6.4	6.4	/	/
Annual Maintenance 保养/维修费	/	/	/	/	200	200
Annual Outage Hours 年平均使用时长	168					
Output Wattage 输出功率	3000W					
GPH 每小时消耗/加仑	/	/	/	/	0.49	0.6
Cost per hour 每小时燃油费	/	/	/	/	2.45	3
Annual Gas Fee 年燃油费	/	/	/	/	411.6	504
Utility rate 电费单价	0.2					
Annual utility fee 年电费	100.8	0	100.8	0	/	/
1st Year Cost	2900.1	4197.9	4300.1	6996.5	3010.6	1803
2 Year total Cost	3000.9	4197.9	4400.9	6996.5	3622.2	2507
3 Year total Cost	3101.7	4197.9	4501.7	6996.5	4233.8	3211
4 Year total Cost	3202.5	4197.9	4602.5	6996.5	4845.4	3915
5 Year total Cost	3303.3	4197.9	4703.3	6996.5	5457	4619

Time-of-use and smart control - What a concept

-Peak-Load Shifting



TOU savings - ROI calculation

-Save \$0.6 each kWh

Model	SBV4600+1* B4600	SBV4600	SBV4600+1600W PV	SBV6400+1* B6400	SBV6400	SBV6400+1600W PV
Price	7598	3999	5799	10598	5999	7799
Price - 30% Tax Credit	5318.6	2799.3	4059.3	7418.6	4199.3	5459.3
Capacity	9.2	4.6	4.6	12.8	6.4	6.4
Peak Rate per Kwh \$				0.8		
Off peak rate per Kwh \$				0.2		
Price difference per Kwh \$				0.6		
Daily Saving	5.52	2.76	3.68	7.68	3.84	5.12
Annual Saving	2014.8	1007.4	1343.2	2803.2	1401.6	1868.8
ROI term	2.6	2.8	3.0	2.6	3.0	2.9

120V/240V Transfer Switch



L14-30R Inlet Box



Essential Backup

1 SBV + 5-15 Y Cable + Transfer Switch

Our simplest and most cost-effective way to deal with temporary power failures. Connect one SuperBase V to power inlet box or transfer switch* to supply electricity to your essential circuits (lighting, Wi-Fi router, refrigerator) when there is a blackout.

- **240V/120V Dual Voltage, 3800W output**
- **Base unit 4.6/6.4 kWh capacity, expands from 4.6~32 kWh**
- **Plug and Play**

Cost-effective, while remains Powerful

	SuperBase V6400	SuperBase V4600	SuperBase V6400 + Satellite Battery	SuperBase V4600 + Satellite Battery
Capacity (Wh)	6,438	4,608	12,876	9,216
Hair Dryer 1,000W	3.6 H	2.5 H	7.5 H	5 H
Microwave Oven 1,300W	4.5 H	3 H	9 H	6.5 H
Air Conditioner 1,500W	4 H	2.7 H	8 H	5.5 H
Induction Cooker 1,800W	3.2 H	2 H	6.5 H	4.5 H
Air Compressors 1,000W	5 H	4 H	12 H	8 H
Cooktop 2,400W	2.4 H	1.7 H	5 H	3 H
Water Heater 4,500W	/	/	/	/
Clothes Dryer 5,400W	/	/	/	/



Including:



1 * SBV



1 * Transfer Switch



1 * 5-15 Y Cable

Advanced Backup

2 * SBV + ZenY Cable + Transfer Switch

- 240V/120V Dual Voltage, 7200W output
- Expands from 9.2/12.8 to 46/64 kWh
- Plug and Play

With the ZenY Cable, you can connect two Superbase V and power your whole house through your power inlet box* or transfer switch. Powerful enough to run almost any home appliance, even high-wattage ones like a dryer (5000W). You can also extend your backup power by adding Extra Batteries and Solar Panels that can keep your essentials running for weeks.

Including:



2 * SBV



1 * Transfer Switch



1 * ZenY Cable





Work Site Tools

Recommended: 1 * SBV4600



Air Compressor 1HP:

Rated: 1600W

Surge: 4500W



Circular Saw (7.25"):

Rated: 1400W

Surge: 4200W



Electrical Drill:

Rated: 600W

Surge: 900W



Quartz Halogen work light:

Rated: 1000W

Surge: 0W



Tiny House off-grid lifestyle

Recommended: 1 * SBV6400 + Portable Solar Panels

Item	Wattage
LED lights	6W
Incandescent light	60W
Laptop	Charging/running 42W/14W
Internet router	6W
Space heater	Low/Medium/High 600W/1000W/1500W
Window air conditioner	500W to 1500W (depending on size)
Well pump –1HP	750W



Photograph Studio

Recommended: 1 * SBV4600



Photograph Lighting Kit: 2000~3000W



Food Truck

Recommended: 2 * SBV6400



Refrigerators: 1250W starting, 200W Running

Grills: 1500~2500W

deep fryers: 2000 ~ 5000W

Microwave: 1000W ~ 1500W

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SuperCharged[®]

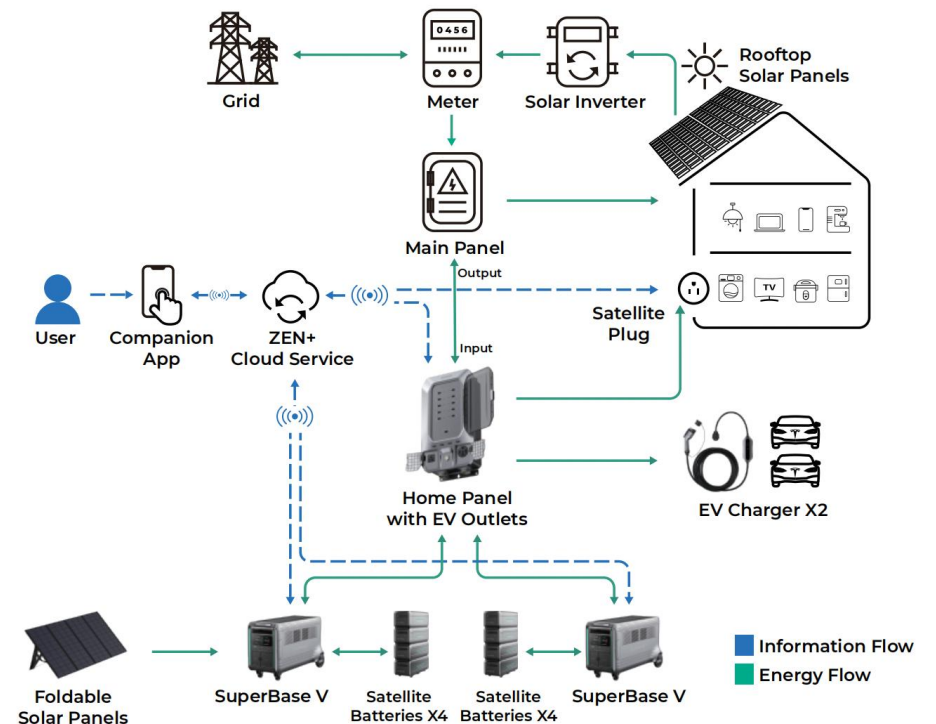
SuperBase V + Home Panel
Comprehensive Power Management



What a concept

Smart Plug & Play Home Energy System like an Appliance

- **Covering household electricity needs:** Ideal for off-grid life and EV charging
- **More flexible home energy storage system :** Optimize traditional generator solution
Direct connect to the existing home main panel to your home's electrical circuits



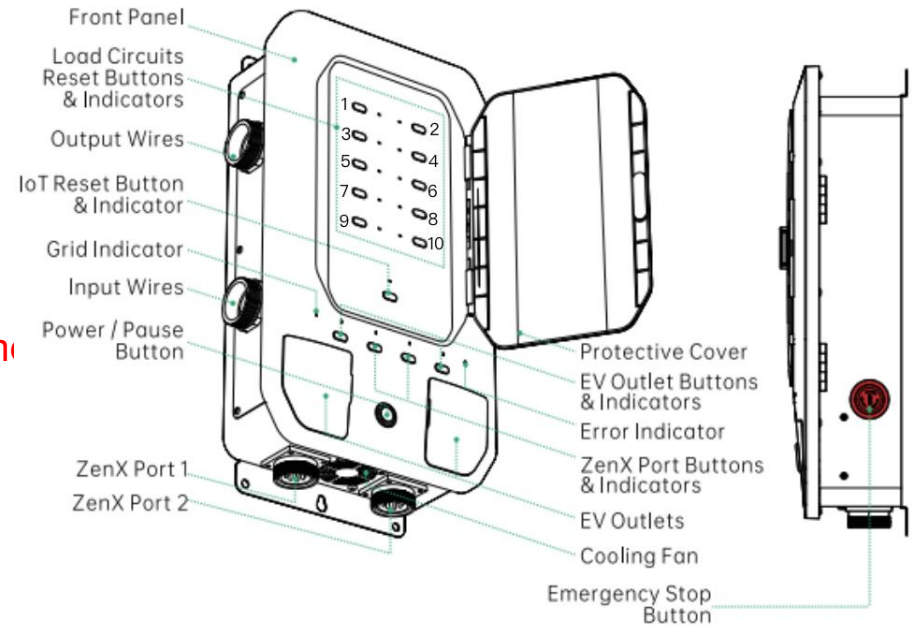
Introducing Home Panel Ecosystem

Home Panel & next generation Gateway
Single phase 120V & Split phase 240V both compatible

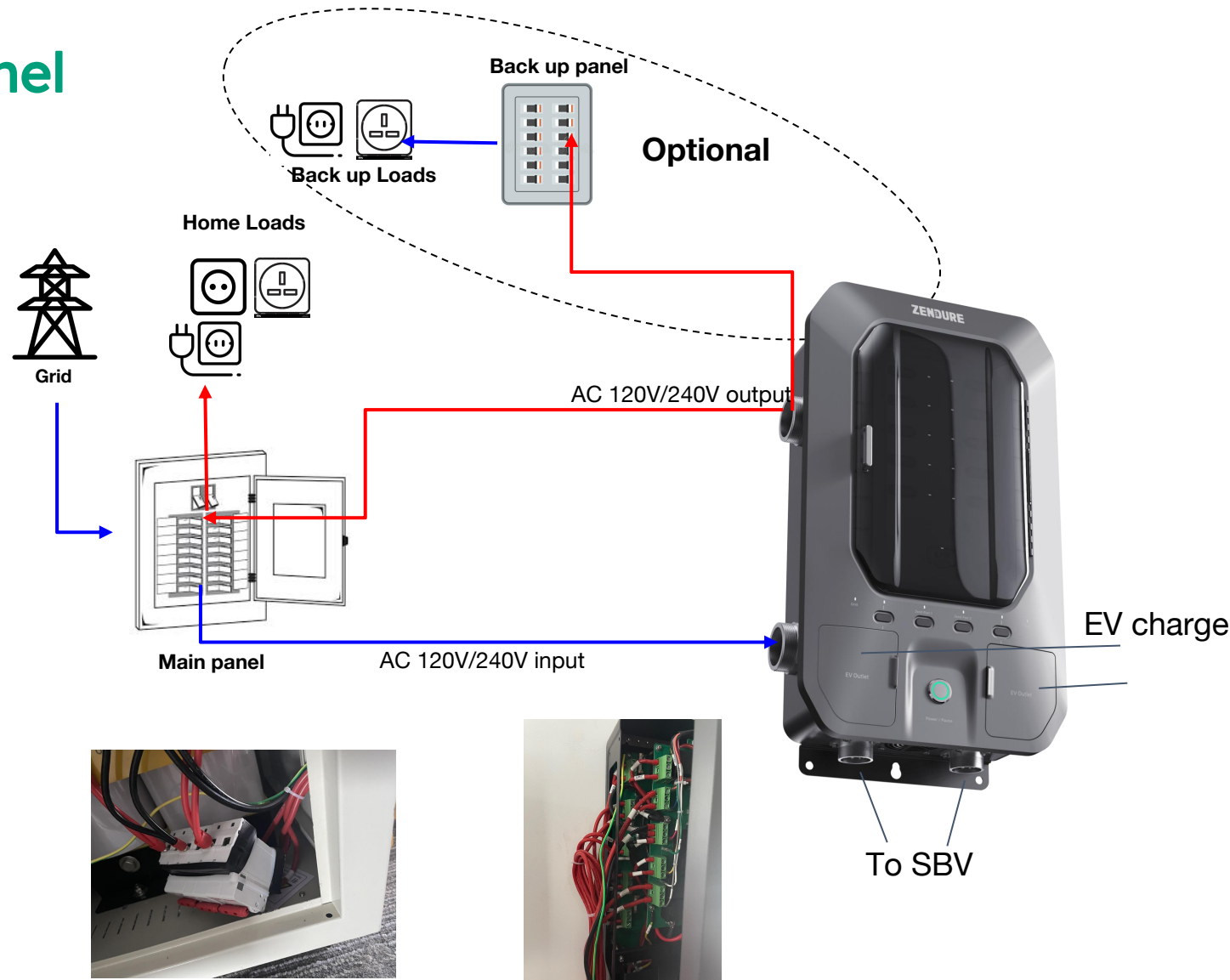
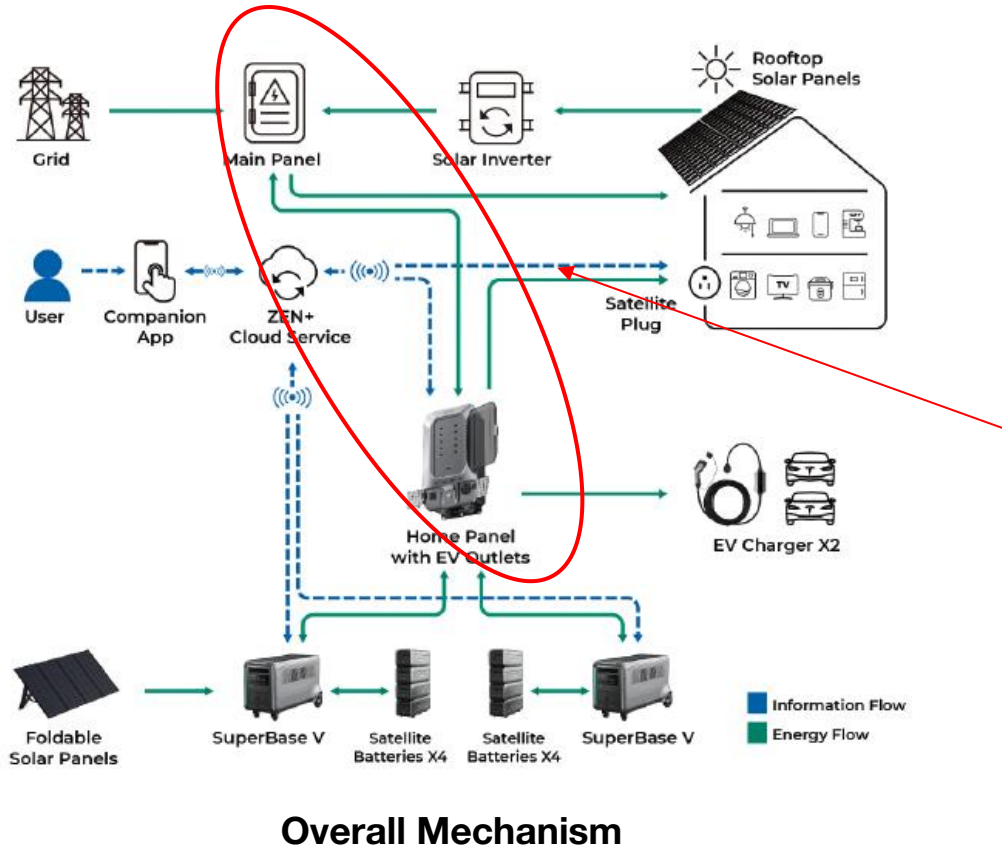


Home Panel Main Functions:

1. 10-circuit intelligent load transfer switch
2. Connect 2 SBVs together
3. SBV fast charging
4. EV charging (only functional under grid-supply mode)
5. Seamless UPS transfer
6. APP controlled multiple working modes
7. Smart Voice control (Alex & Google Home)



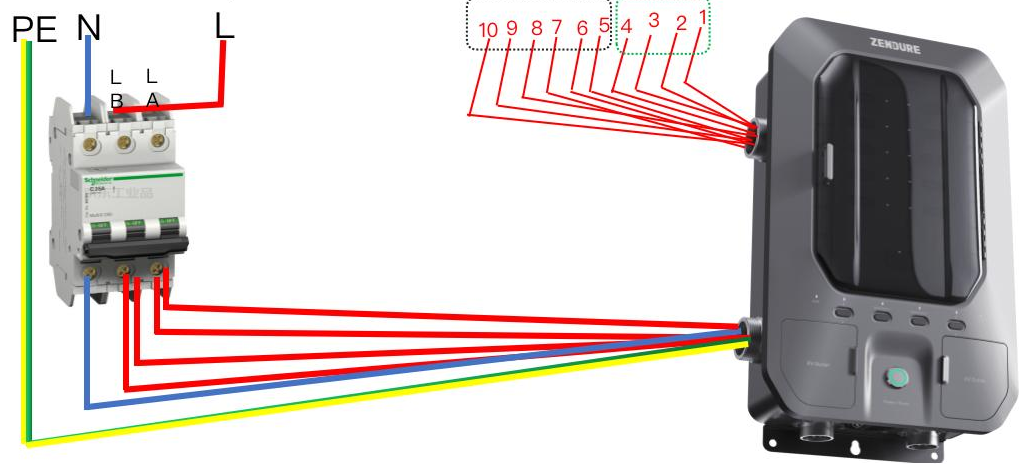
Connect Home Panel to Main Panel



The connection between Home panel and main panel should be operated by professional electricians !

Grid input

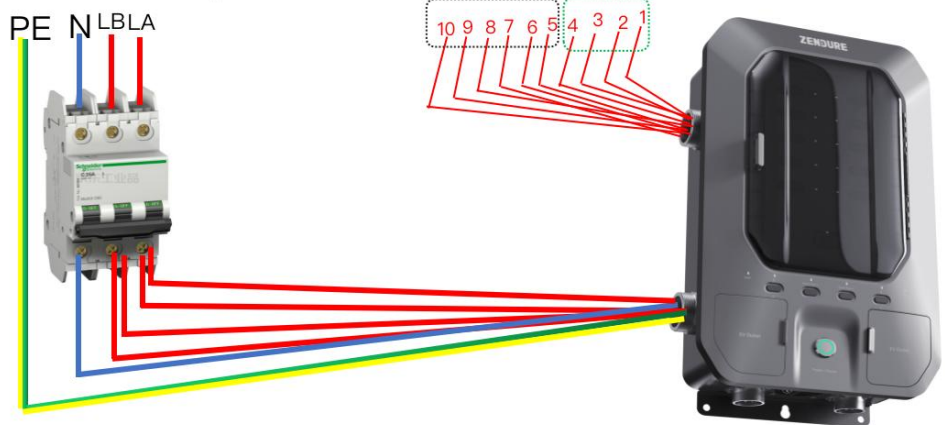
120V AC 120V input



Output: Circuits 1-4 120V 30A, circuits 5-10:120V 20A

Grid input

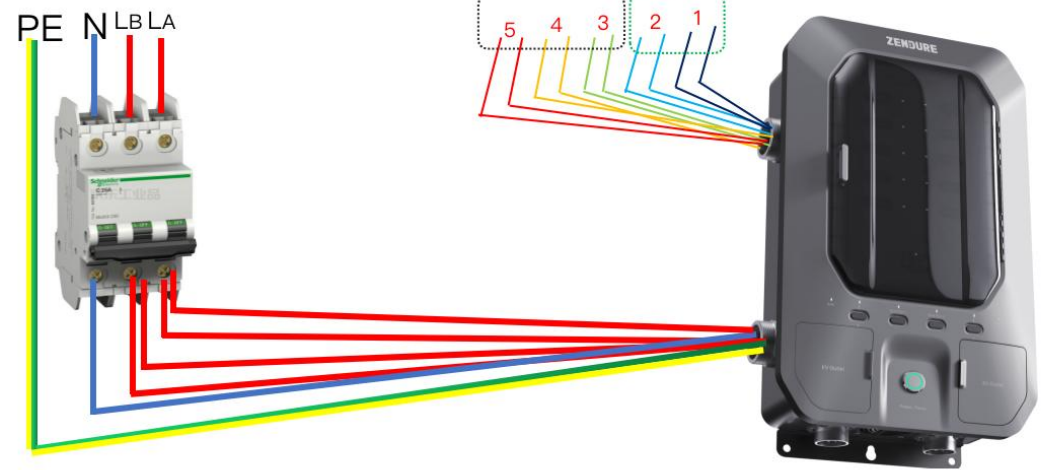
240V AC 240V input



Output: Circuits 1-4 120V 30A, circuits 5-10:120V 20A

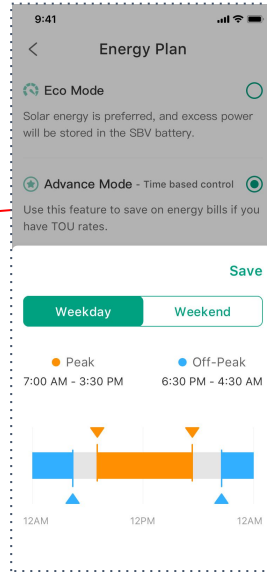
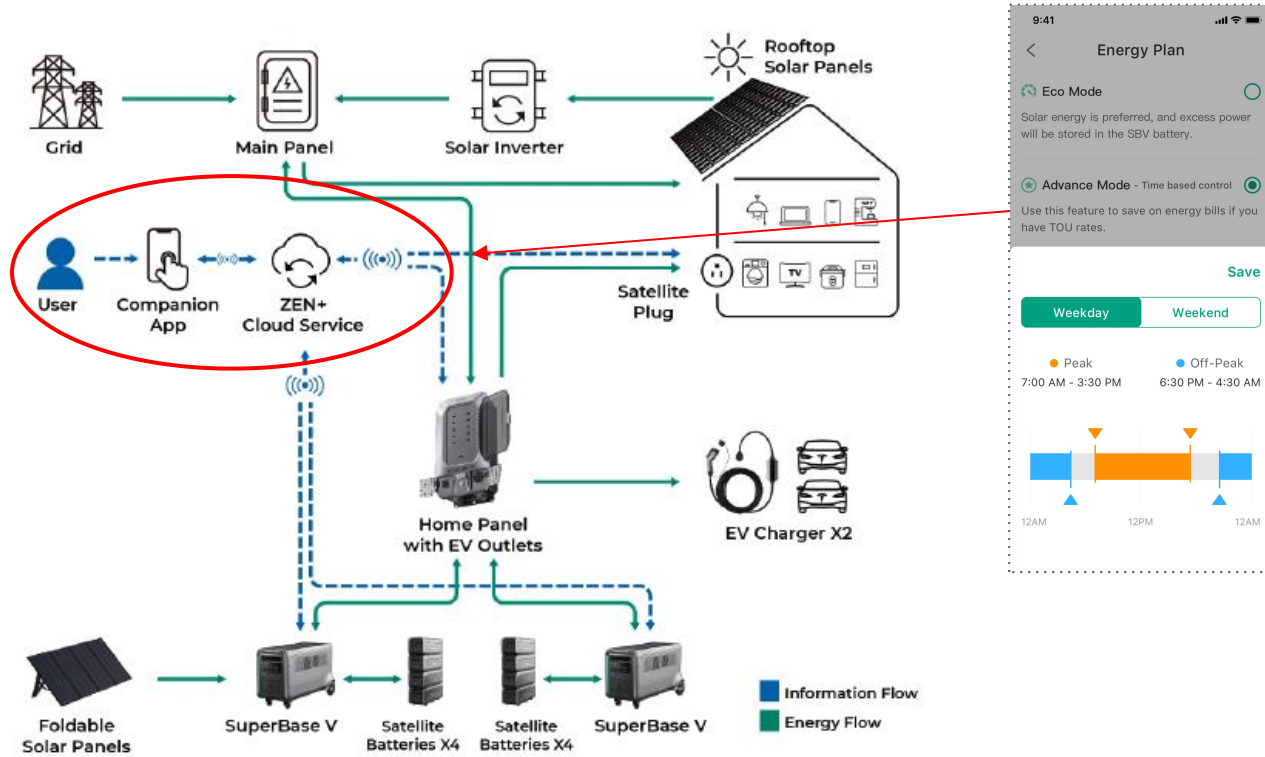
Grid input

240V AC 240V input



Output: Circuits 1-2 240V 30A, circuits 3-5:240V 20A

How to monitor and manage the Power?



Back-Only Mode

The Home Panel will always keep the connected SBV with 100% power reserve (you can set the minimum power reserve you want to keep).

Eco Mode

Preferential use of solar energy, excess power Home Panel will be stored in the connected SBV battery.

Advance Mode (Time based control)

Use this feature to save on electricity bills if your electricity rates change within a day

Load Priority Mode

When the power consumption of the house is greater than the maximum power supply capacity of Home Panel or the house encounters a power outage, Home panel will keep high-priority loads working normally as possible as it can.

And more modes to come...

<p>Output: 120V/240V, Maximum 3800W (1900W*2)</p>	<p>AC output: 3800W(1900*2) Long time loads-carrying</p>	
	<p>AC output: 7200W(3600*2) Long time loads-carrying</p>	
	<p>AC output: 3800W Long time loads-carrying</p>	
	<p>AC output: 7200W(3600*2) Long time loads-carrying</p>	

* JP version still under development, but will be structurally and numerically similar to US version.

Home Panel with EV Outlets



US



EU

Color	Grey	
Dimensions	28.5 x 11.9 x 49.2cm	
Weight	20lbs (9kg)	
AC Input	12,000W Max, 120VAC 100A or 240VAC 50A	23,000W Max, 230VAC 100A
ZenX Input	120VAC 7,600W Max (2*SBV Input) 240VAC 3,800W Max (1*SBV Input)	230VAC 7,400W Max (2*SBV Input) 230VAC 3,700W Max (1*SBV Input)
ZenX Output	120/240VAC 3,800W Max	230VAC 3,700W Max
Output	Load Circuit: 12,000W, 120V/240VAC 1 x 14-50: 40A 9,600W Max (240VAC) 1 x 6-20: 16A 3,800W Max (240VAC)	Load Circuit: 11,500W, 230VAC 1 x CEE32: 32A 7,360W Max (230VAC) 1 x EU(Type F): 16A 3,680W Max (230VAC)
Emergency Stop Switch	Yes	
More	Smart App Compatible	
In The Box	2x ZenX cable, Wire Connectors, Fuse Clamps, Screwdrivers, Screws	

EV Charger



US



EU

Color	Grey	
Cable Length	25ft (7.6m)	
Weight	22lbs (10kg)	
Input/Output	100V-240V AC 50/60Hz	100V-250V AC 50/60Hz
Rated Current	10/16/20/24/32A	
AC Plug	NEMA 14-50	CEE-32
EV Connector	Type 1 (or J1772)	Type 2 (or Mennekes)
Operating Temp	-30°C ~ 50°C	
More	4 LED Indicators	
In The Box	14-50r to 5-15p cable 14-50r to 6-20p cable	CEE32r to EU plug cable CEE32r to UK plug cable CEE32r to AU plug cable

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