ZENDURE
SuperCharged

To Accelerate A Sustainable Future

Brand & Product Catalog

Facebook EN

Instagram EN

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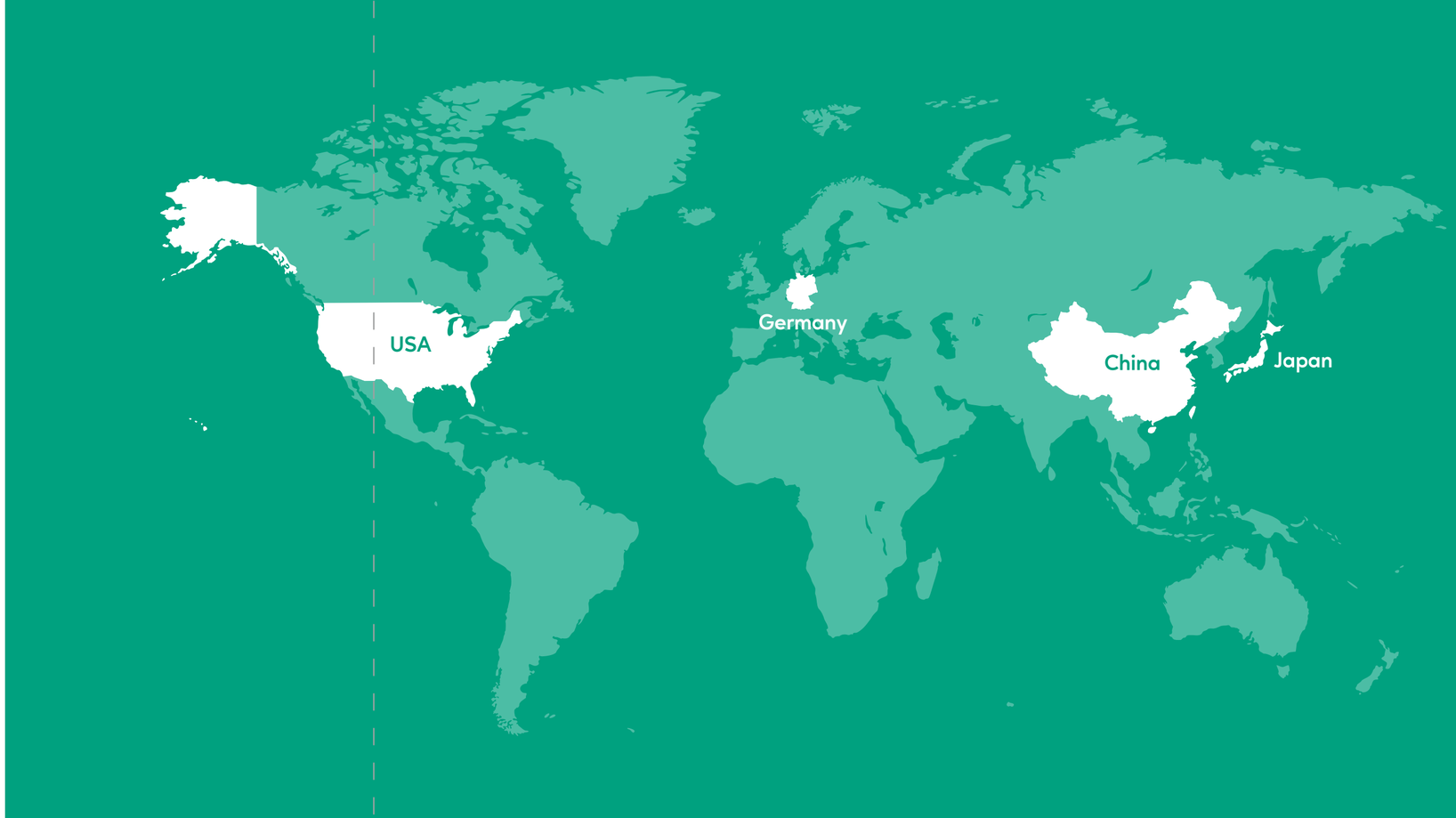
Founded in 2017, Zendure
is one of the fastest-growing
EnergyTech start-ups
located in the technology hubs
of Silicon Valley, USA,
and the Greater Bay Area,
China, Japan, and Germany.



Purpose

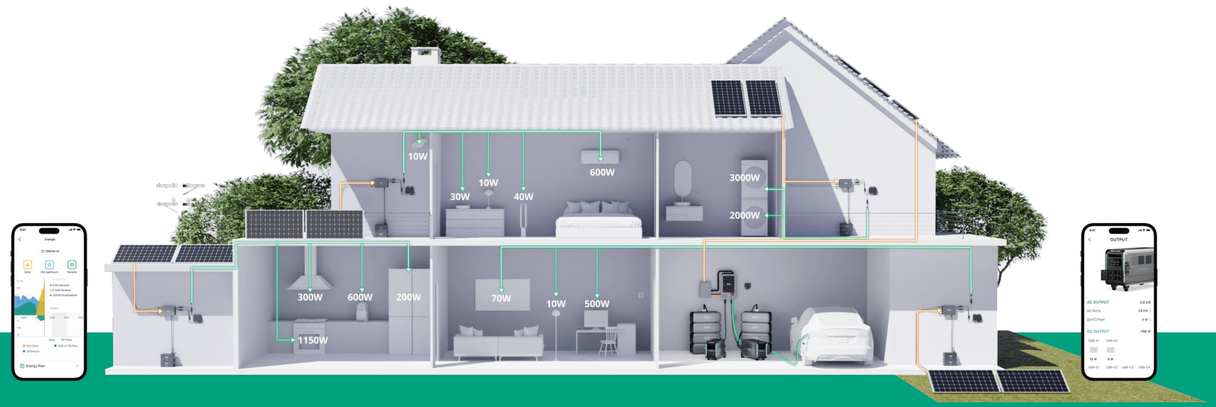
Our purpose is to accelerate a sustainable future.

Mission

Our mission is to deliver reliable and affordable clean energy for households worldwide by popularizing the latest EnergyTech.

Vision

We envision being a Clean EnergyTech platform that sustains communities and families.



Values

Truth and Integrity

Accountability and Responsibility

Energy Consciousness

Development History

2017.8

Established Guangzhou Jianghai Technology Co., Ltd.

2019.3

SuperTank, the Ultimate 100W PD Portable Charger, crowdfunded over $1 million.

2019.10

Established the Japan subsidiary ゼンデュア・ジャパン株式会社.

2020.12

Established the Singapore subsidiary Rimsea International Pte. Ltd.

2021.8

SuperBase Pro, the Fastest Recharge IoT Power Station, crowdfunded over $2 million.

2021.10

Raised over ten millions RMB from GP Hi-Tech Capital and Yotrio Group Co., Ltd. in Series Pre-A Funding.

2021.12

Relocated to Guangzhou Huangpu Development Zone and became a National High-Tech Enterprise.

2022.8

A round investment of tens of millions of yuan Raised over ten millions RMB from Fenghe Capital in Series A Funding.

2022.10

SuperBase V crowdfunded $5.39 million in Kickstarter

2022.11

Raised over ten millions RMB from Beijing Jinqiu Private Placement Fund Management Co., Ltd. in Series A+ Funding.

2023.3

Established the Germany subsidiary Zendure DE GmbH.

2023.4

Launched the balcony energy storage system SolarFlow on the official website in Germany, with sales exceeding €1.2 million on the first day.

Product R&D and Design Strength

111

111 global patents

20

20 energy storage related patents

13

and 13 invention patents

Patent layout includes: trademark, design, charge and discharge management, energy storage system, structural design, carbon emission reduction system, soft products, etc.

40%

The R&D team accounts for 40%

5%

The R&D investment has exceeded 5% of revenue year after year

Awards

Dec. 2017
Good Design Award, US.

Nov. 2019
Upstyle Award, China

Dec. 2020
Contemporary Good Design Award, China.

Apr. 2021
IF Design Awards, Germany. (SuperWave)

Sept. 2021
G-MARK Design Award , Japan.

reddot winner 2022

Mar. 2022
Red Dot Design Award Germany (Super Base pro)

May 2022
iF Design Award, Germany (Super Base Pro)

Jun. 2022
IDEA Design Award US

reddot winner 2023

Mar. 2023
Red Dot Design Award, Germany (SuperBase V)

Apr. 2023
iF Design Award, Germany (SuperBase V)

Certifications

Restriction of Hazardous Substances

Technischer Überwachungsverein Rheinland

Underwriters Laboratories

Federal Communications Commission

Conformité Européene

International Organization for Standardization

International Electrotechnical Commission

Electromagnetic Compatibility

Global Channel Partners

Media Endorsements

GIGA.de:
Zendure bietet mit der SuperBase V eine richtig dicke Powerstation an, die mit mehreren Zusatzbatterien nicht nur extrem viel Energie speichern kann, sondern sich auch per Solar schnell wieder aufladen lässt.

Computerbild.de
Verglichen mit anderen Solargeneratoren ist die Superbase V leistungsstärker: Sie lädt schnell und liefert so viel Energie aus wie eine normale Hausteckdose.

Connect Living
Wer viel Stom auf Vorrat braucht, bekommt mit der Superbase V ein sehr leistungsfähiges, schnelles und modular ausbaufähiges Gerät.

Caschys Blog
Zendure hat hier eine außerordentliche Lösung für das Zuhause geschaffen, mit der man sich sukzessiv eine gewisse Autarkie durch Akku-Horten erkaufen kann.

Chinahandys.de
Das Aufladen der Powerstation ist möglich über Solar, das Stromnetz des Hauses oder auch über E-Auto Tankstellen.

Survival Kompass
Während andere Wettbewerber wie Bluetti oder EcoFlow mit ähnlichen tragbaren und stapelbaren Systemen auf den Markt gekommen sind, bietet Zendures SuperBase V6400 derzeit das umfassendste Paket in diesem Segment.

China-Gadgets.de
Über den Tag erzeugte Energie kann nachts abgerufen werden – Theoretisch kann man eine konstante Energiezufuhr einrichten um etwa durchgehend die Grundlast zu decken.

Netzwelt.de
Einfache Installation per Plug-and-Play, gute Verarbeitung, übersichtliche sowie umfangreiche App und hohe Kompatibilität: Zendure SolarFlow überzeugt im Test.

Techstage.de
Das Beste an Solarflow ist sicherlich, Energieerzeugung, Speicherung und Abgabe gut zu visualisieren.

Home&Smart.de
Mit dem Zendure SolarFlow Stromspeicher sind PV-Eingangsleistungen von bis zu 800 Watt möglich und der maximale Ausgang zum Wechselrichter liegt bei 1.200 Watt.

IMTEST
Nachdem alles richtig angestöpselt und mit der Zendure-App verbunden war, funktionierte das System aber einwandfrei. Zendures SolarFlow bietet weniger Möglichkeiten, ist dafür aber auch mit Komponenten anderer Hersteller kompatibel.

Computer Base
Mit dem SolarFlow hat Zendure ein Balkonkraftwerk geschaffen, das in puncto Kapazität, Ausstattung und Preis-Leistungs-Verhältnis seinesgleichen sucht.

ZEN+ Home Energy Hub

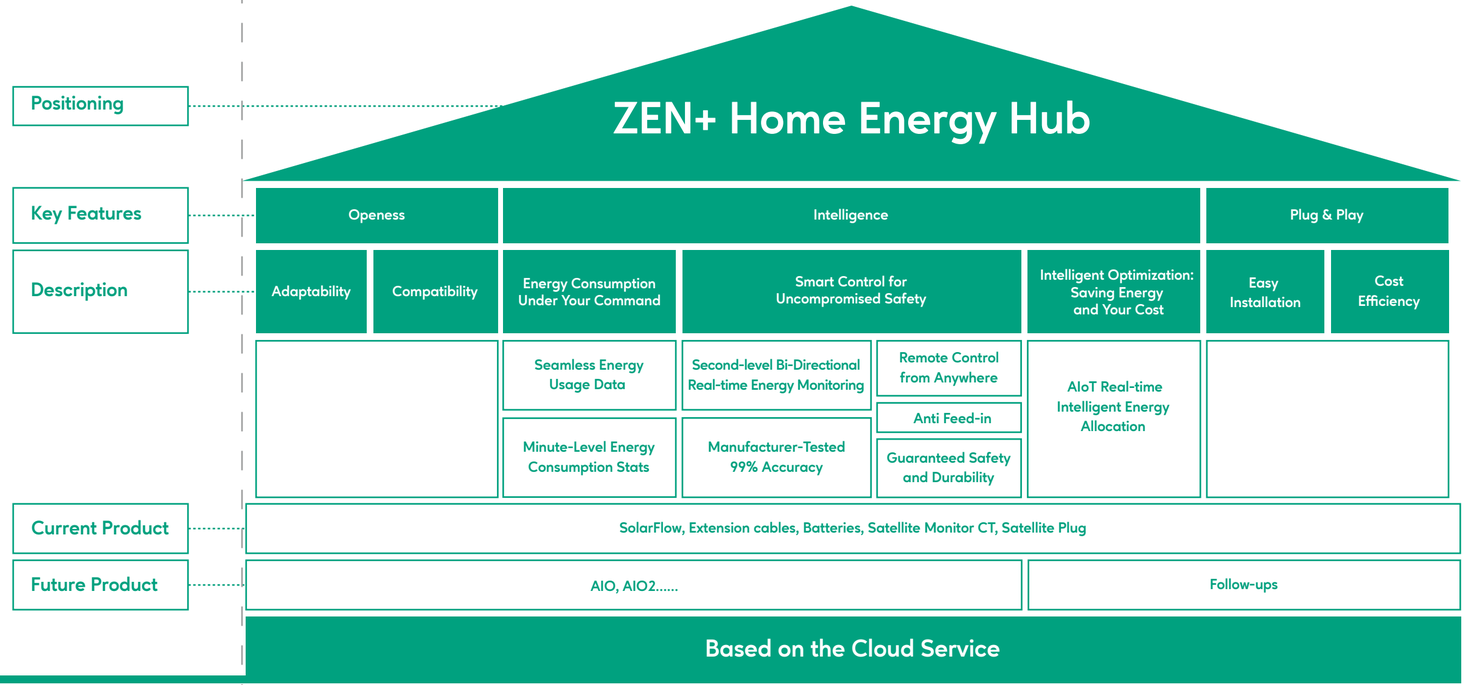
In 2023, Zendure boldly entered the Smart Home Energy Management Sector with the groundbreaking launch of ZEN+ Home. This innovative energy management ecosystem is set to transform how users and families manage energy consumption within their homes.

ZEN+ Home is designed to be a user-friendly ecosystem of plug-and-play energy storage products compatible with industry-leading technologies and solutions. With Zen+ Home, you can effortlessly monitor and automate your energy usage, receiving valuable insights to optimize efficiency and reduce electricity costs.

What sets ZEN+ apart is our utilization of advanced clean energy storage and power conversion devices paired with cutting-edge sensor technology. This combination allows us to offer users more intelligent energy services through innovative software, algorithms, the Internet of Things (IoT), and AI technology.

With ZEN+ Home, Zendure enables users to take an active role in shaping a sustainable future. By seamlessly integrating smart energy management into everyday life, ZEN+ brings cost-effective solutions that revolutionize how families manage energy consumption at home.

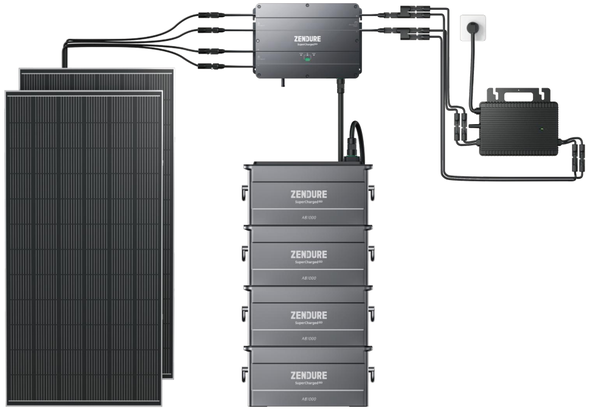
Experience the power of ZEN+ Home– a smart energy management ecosystem that puts you in control while driving sustainability and saving costs.



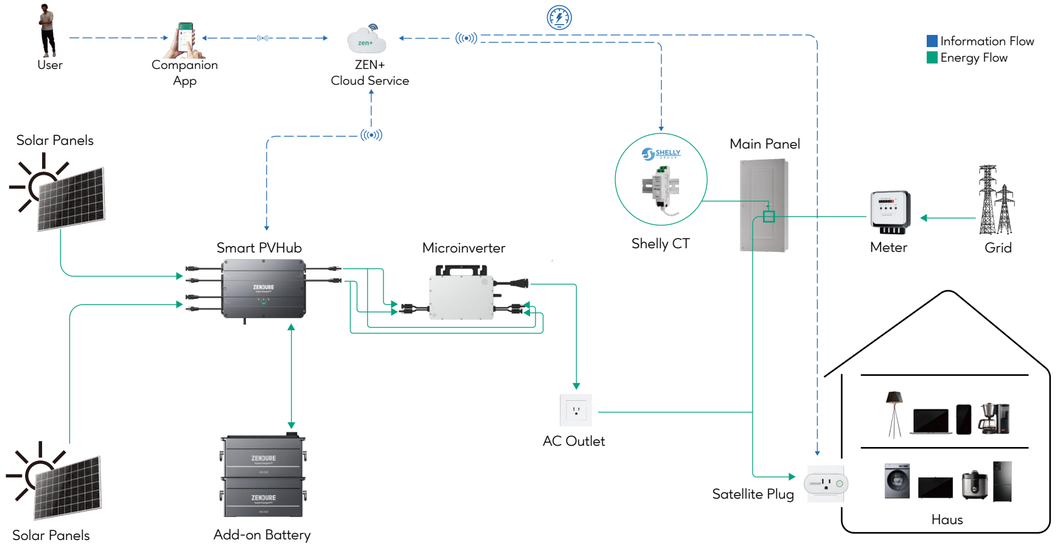
SolarFlow

Value the energy, save your bill.

The revolutionary Balcony Energy Storage System SolarFlow harnessing solar power for the ZEN+ Home Energy Hub.
SolarFlow seamlessly integrates sunlight capture and storage to provide a safe,
reliable energy source, setting a new standard in home solar management and sustainability.



SolarFlow Ecosystem



Key Features

Plug-and-Play, Simple Installation

A single cable for everything- connect, charge, disassemble and move in seconds with no mess or extra cost.
The whole system can be placed outdoors along with the panel in the most cases.

100% Self-consumption

Offer you a cost-efficient solution to store your energy during the day, use it at night.

APP Smart Energy Control

Real-time Monitoring and Management: keep track of your energy usage and optimize your system for maximum savings.

Universal MC4 Adaptability

Unsurpassed universal compatibility with MC4 connectors allows you to use any balcony solar panels already available on the market regardless of your existing system or new DIY kit.

IP65 + 10 Years Warranty

SolarFlow features a particularly robust-metal surface and an IP65 waterproof rating, providing complete protection against water jets from any angle, which means high quality standard and money saving.

100% Self-consumption

Offer you a cost-efficient solution to store your energy during the day,use it at night. Save your annual electric bill 912€.

Only Balcony Power Plant

140€ / Year

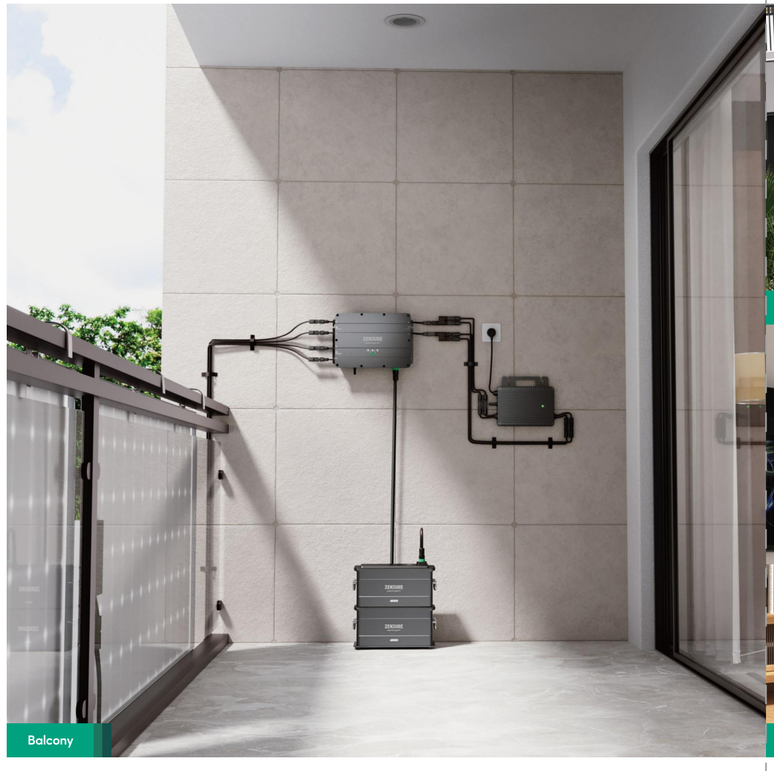
SolarFlow + Balcony Power Plant

912€ / Year

A balcony solar system will, on average, generate around 6.25 kWh of electricity per day and the average household in Germany consumes approximately 3500 kWh annually ,which can save 912€per year(0,4€ per kWh) - almost a third (65%) of annual electricity bill.
*based on PV Hub 2000+AB2000*2+2000W PV+800W micro inverter

Usage Scenarios

SolarFlow can be used in a variety of scenario including gardens, rooftops, rented and owned balconies and patios, and more scenarios based on the current savings of up to 438 euros on annual electricity bill to do the scenarios extension.



Hub 1200

PV Input

PV Input 1 ---------- 16-60V ⎓ 13A,400W Max
PV Input 2 ---------- 16-60V ⎓ 13A,400W Max
Recommended PV module ---------- 210-550W Each, 1,000W Max in Total
Max DC Short Circuit Current ---------- 14.3A
Number of MPPT ---------- 2

Output to Microinverter

Recommended Output Power of Microinverter -------- 400W ~ 1200W
Output Current to Microinverter ---------- 30A Max
Output Voltage to Microinverter ---------- 16V ~ 60V

Add-on Battery

Output to AB1000(one battery) ---------- 48V ⎓ 16.6A, 800W Max
Output to AB2000(one battery) ---------- 48V ⎓ 16.6A, 800W Max
Output to Batteries ---------- 48V ⎓ 16.6A, 800W Max
Input from Add-on Battery ---------- 48V ⎓ 25A, 1,200W Max

Efficiency

MPPT Efficiency ---------- 99%
Efficiency of Output to Microinverter ---------- 98%

Protection

Overvoltage Protection, Overcurrent Protection,
Short-circuit Protection, Overheat Protection
Working Temperature ---------- -20°C~45°C
Wireless Type ---------- Bluetooth, 2.4GHz Wi-Fi
IP Rating ---------- IP65
Warranty ---------- 10 Years

Dimensions and Weight

Dimensions (LxWxH) ---------- 363×246×64mm
Net Weight ---------- ≈ 4.7kg

Hub 2000

PV Input

PV Input 1 ---------- 16-60V ⎓ 26A, 900W Max
PV Input 2 ---------- 16-60V ⎓ 26A, 900W Max
Recommended PV module ---------- 1,100W Each, 2,340W Max in Total
Max DC Short Circuit Current ---------- 33A
Number of MPPT ---------- 2

Output to Microinverter

Recommended Output Power of Microinverter -------- 400W ~ 1,200W
Output Current to Microinverter ---------- 30A Max
Output Voltage to Microinverter ---------- 16V ~ 60V

Add-on Battery

Output to AB1000(one battery) ---------- 48V ⎓ 16.6A, 800W Max
Output to AB2000(one battery) ---------- 48V ⎓ 16.6A, 800W Max
Output to Batteries ---------- 48V ⎓ 16.6A, 1,800W Max
Input from Add-on Battery ---------- 48V ⎓ 25A, 1,200W Max

Efficiency

MPPT Efficiency ---------- 99%
Efficiency of Output to Microinverter ---------- 98%

Protection

Overvoltage Protection, Overcurrent Protection,
Short-circuit Protection, Overheat Protection
Working Temperature ---------- -20°C~65°C
Wireless Type ---------- Bluetooth, 2.4GHz&5GHz Wi-Fi
IP Rating ---------- IP65
Warranty ---------- 10 Years

Dimensions and Weight

Dimensions (LxWxH) ---------- 363×246×64mm
Net Weight ---------- ≈ 4.7kg

Add-on Battery 1000 (AB1000)

Capacity	960Wh(20Ah 48V)
Battery Type	$LiFePO_4$
Life Cycle	3,000 Cycles (DOD≥80%)/ 6,000 Cycles(DOD≥70%)
Input	800W Max
Output	1,200W Max
Expandable Battery Quantity	4
Maximum Expandable Capacity	960 x 4=3,840 Wh
Overvoltage Protection	Charging & Discharging
Overcurrent Protection	Charging & Discharging
Short-circuit Protection	Yes
Overheat Protection	Yes
IP Rating	IP65
Warranty	10 Years
Charging Temperature	0°C~55°C
Discharging Temperature	-20°C~60°C
Compatibility with AB1000	Yes
Finish	Integrated Die-casting Design

Dimensions and Weight

Dimensions (LxWxH)	350×200×187mm
Net Weight	≈ 11.5kg

Add-on Battery 2000 (AB2000)

Capacity	1,920Wh(40Ah 48V)
Battery	$LiFePO_4$
Life Cycle	3,000 Cycles (DOD≥80%)/6,000 Cycles(DOD≥70%)
Input	48V⎓ 25A, 1,200W Max
Output	48V⎓ 25A, 1,200W Max
Expandable Battery Quantity	4
Maximum Expandable Capacity	1,920 x 4=7,680 Wh
Overvoltage Protection	Charging & Discharging
Overcurrent Protection	Charging & Discharging
Short-circuit Protection	Yes
Overheat Protection	Yes
Self-heating Function	Yes
IP Rating	IP66
Warranty	10 Years
Charging Temperature	-20°C~55°C
Discharging Temperature	-20°C~60°C
Automatically Self-heating Function	-20°C~0°C
Compatibility with AB1000	Yes
Finish	Integrated Die-casting Design

Dimensions and Weight

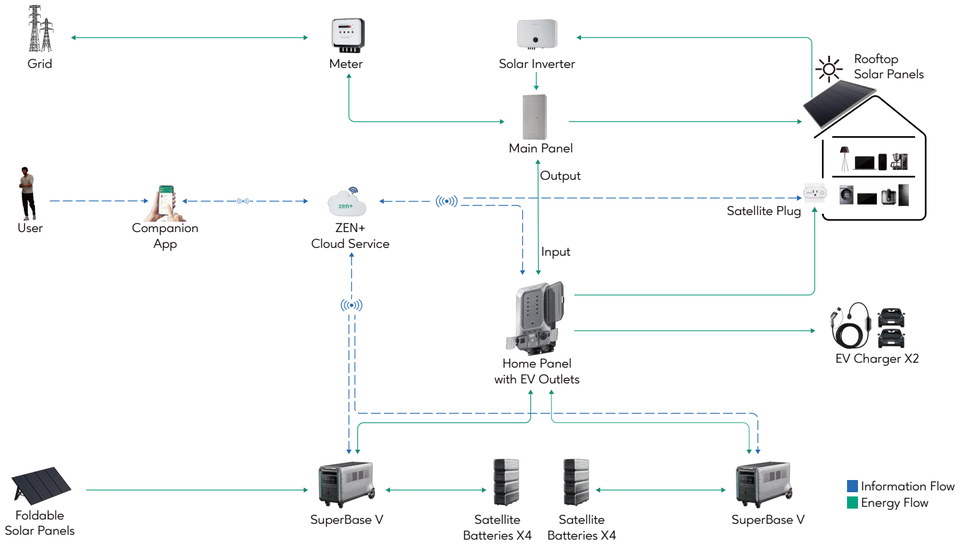
Dimensions (LxWxH)	350×200×298mm
Net Weight	21.62kg

SuperBase V

True Power Independence.

The revolutionary plug-and-play home energy storage system powering the ZEN+ Home Energy Hub.
A customization energy ecosystem with user-centered design and revolutionary technology,
SuperBase V sets a new standard for home energy storage.

Home Energy Storage System



Key Features

Plug-and-Play Energy Storage via Transfer Switch

Easy installation, simply plug to your existing inlet box and transfer switch.

Unique Dual Voltage Supports All Devices

120/240V Dual Voltage, 3800W Output Power.

Smart Control to Save Your Bills

Control via smart energy management Zendure App, charge at off-peak rates, utilize during peak hours.

Lower Maintenance Costs

Save maintenance costs that keeps multiplying over time, comparing with gas/fuel generator.

SuperBase V + Smart Home Panel, the Most Easy-to-reach Home Energy Storage Solution

AC couple with existing PV system, easy for installation.
7600W and 240V/120V AC output together with built in EV chargers.

Usage Scenarios

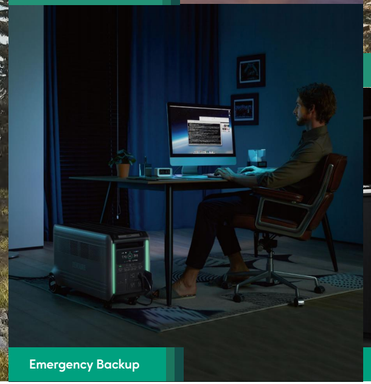
SuperBase V can be used in various scenarios such as whole home energy management, outdoor activities, RV and camping, off-grid life, providing backup power and reducing energy consumption.


Power Independence


RV


Off-Grid Life


Whole-Home Backup


Emergency Backup


Camping


Seamless UPS

SuperBase V6400

Capacity: 6,438Wh

Battery Type: Semi-Solid State

AC Input:
NA: 120VAC 1,800W/240VAC 3,600W,15A Max
JP: 100VAC 1,500W /200VAC 3,000W,15A Max
EU/UK/AU: 230VAC 2,900W,12.5A Max
CN: 220VAC 2,200W,10A Max

XT90 Input: 12-150V-25A,1,500W Max

ZenT2 Input:
NA: 100-240VAC, 3,600W Max(EV T1 Adapter needed)
JP: 100-200VAC, 3,000W Max (EV T1 Adapter needed)
EU/UK/AU: 230VAC, 3,600W Max
CN: 220VAC, 3,520W Max

Charge Temperature: -20°C to 45C (-4-113F)

Discharge Temperature: -20°C to 45C (-4-113F)

Dimensions: 28.7 x 13.6 x 17.4in (Including Wheels)

Weight: 130lbs (59kg)

Output:
1x Car Outlet: 12.6V/10A Max
2x DC5521: 12.6V/3A Max
1x Andersen: 126V 30A

USB-C(1)/(2): 5V-20V,100W Max Each
USB-C(3)/(4): 5V-12V,20W Max Each
USB-C1/2/3/4 Total 200W
USB-A(1)(2): 5V,2.4A Total

NA:
4x 5-20: 120VAC,15A
1x6-20: 240VAC,16A
1x TT-30: 120VAC,30A

JP:
4x 5-20: 100VAC,15A
1x 6-20: 200VAC,16A
1x L5-30: 100VAC,30A

6x EU/UK/AU: 230V~50Hz, 16A

CN:
1x CN16A: 220V-50Hz, 16A
5xCN10A: 220V-50Hz, 10A

SuperBase V4600

Capacity: 4,608Wh

Battery Type: LiFePO4

AC Input:
NA: 120VAC 1,800W/240VAC 3,600W,15A Max
JP: 100VAC 1,500W /200VAC 3,000W,15A Max
EU/UK/AU: 230VAC 2,900W,12.5A Max
CN: 220VAC 2,200W,10A Max

XT90 Input: 12-150V-25A,1,500W Max

ZenT2 Input:
NA: 100-240VAC, 3,600W Max(EV T1 Adapter needed)
JP: 100-200VAC, 3,000W Max (EV T1 Adapter needed)
EU/UK/AU: 230VAC, 3,600W Max
CN: 220VAC, 3,520W Max

Charge Temperature: 0°Cto 45°C(32-113F)

Discharge Temperature: -20°C to 45C (-4-113F)

Dimensions: 28.7 x 13.6 x 17.4in (Including Wheels)

Weight: 127lbs (57.8kg)

Output:
1x Car Outlet: 12.6V/10A Max
2x DC5521: 12.6V/3A Max
1x Andersen: 126V 30A

USB-C(1)/(2): 5V-20V,100W Max Each
USB-C(3)/(4): 5V-12V,20W Max Each
USB-C1/2/3/4 Total 200W
USB-A(1)(2): 5V,2.4A Total

NA:
4x 5-20: 120VAC,15A
1x6-20: 240VAC,16A
1x TT-30: 120VAC,30A

JP:
4x 5-20: 100VAC,15A
1x 6-20: 200VAC,16A
1x L5-30: 100VAC,30A

6x EU/UK/AU: 230V~50Hz, 16A

CN:
1x CN16A: 220V-50Hz, 16A
5xCN10A: 220V-50Hz, 10A

Shelly CT

The Shelly CT (Pro 3EM & 3EM) interfaces with SolarFlow, monitoring the overall power demand of the line and instantly adapting SolarFlow's power output. This dynamic adjustment not only enhances the self-consumption rate of electricity but also enables AIoT to allocate energy intelligently in real time.

Satellite Plug

Seamlessly integrated into SolarFlow, the Satellite Plug empowers the ZEN+ Home ecosystem by monitoring the real-time electricity consumption of the household via Zendure APP. This enables Solarflow to intelligently auto-adjust power while preventing grid feed-in. It prioritizes home power use during peak hours and stores excess power for efficiency.

Cloud Service

- **Smart**. Utilizes AI and automation technology to dynamically adjust the power output of the energy storage system, achieving optimal home energy usage efficiency.
- **Open**. The Cloud Service platform provides powerful open capabilities:
  1. Fully OpenAPI interfaces for end-user DIY.
  2. Partnerships with leading brands to interconnect devices and construct multidimensional integration scenarios. Currently has in-depth collaborationwith Shelly to interconnect hardware.
- **High Refresh Frequency**. Real-time data at a high refresh frequency of 1 second per query.