

# ZENDURE

SuperCharged<sup>®</sup>



## SolarFlow

Balcony solar storage system



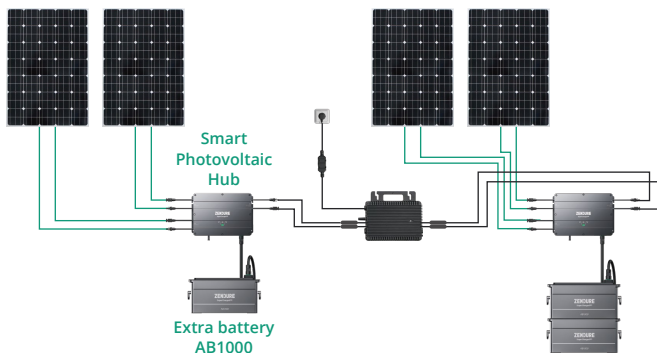
The basic warranty of the Smart PVHub and the AB1000 is 10 years each.

*This warranty policy is limited to Zendure products only*



**SolarFlow**, a balcony solar storage system designed to use the power of the sun to help you save more on your electricity bills

## Compatible with 99% micro-inverters



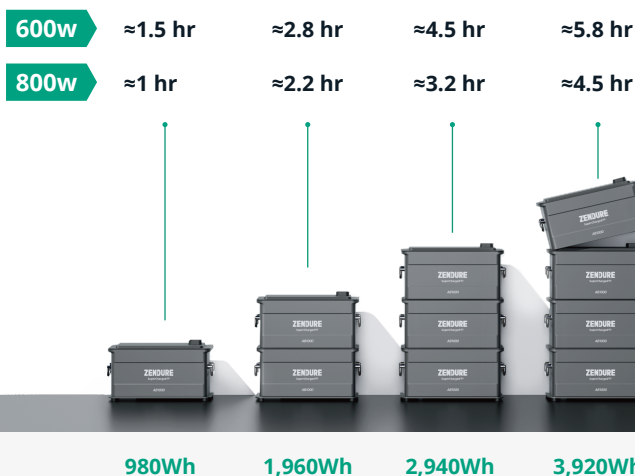
Capable of connecting with 1-1, 1-2, 1-4 micro inverters.

This will increase the solar input power and allow larger capacity with compatible battery.



**Up to 800W Dual MPPT solar input to PV Hub 1,200W Max.  
Output power to micro inverter**

### Run times



Add up to 4 battery packs for more storage capacity.



Save annual electricity costs,  
100% self-consumption.



Balcony solar only

30%



SolarFlow + Balcony solar only

100%

\*Please consider your local lighting conditions and electricity price differences.



Universal MC4 adaptability

Unsurpassed universal compatibility with MC4 connectors allows you to use almost most solar modules and microinverters on the market, regardless of your existing system or new DIY kit.





## IP65 Waterproof Protection

SolarFlow features a particularly robust metal surface and an IP65 waterproof rating, providing complete protection against dust and water.



## Plug and play made effortless

A single cable for everything - connect, charge, disassemble and move in seconds with no mess or extra cost. With up to 4 expandable batteries (Max 3,840Wh), SolarFlow is the optimal energy solution for families, small business projects and more.





Garden



Pitched roof



Apartment



House

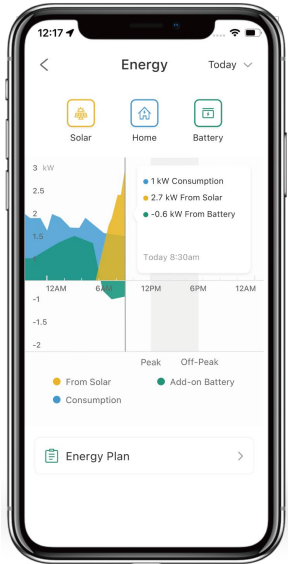


By using Zendure App and Smart Plug, you can monitor, manage and optimize your home's power consumption. And check, turn on and off the current power of your households.





## Zendure App



- Customize power and storage in time intervals.
- Real-time energy flow tracking and energy analysis data.
- Open API, compatible with DIY smart devices like Home Assistant.





## Smart PV Hub



### PV Input

Recommended input power PV module	---	210 - 550 W each
Maximum DC input voltage	-----	60 V
PV input 1	-----	16 - 60 V1 ≈ 3 A, Maximum 400 W
PV input 2	-----	16 - 60 V1 ≈ 3 A, Maximum 400 W
Min. DC input voltage	-----	16 V
Max. DC short- circuit current	-----	14.3 A
Number of MPPTs	-----	2

### AB1000 input

Maximum input power	-----	Maximum 1,200 W
Maximum input voltage	-----	25 A
Nominal voltage	-----	48 V

### AB1000 Charging

Maximum input power	-----	800 W
Maximum input voltage	-----	16,6 A
Nominal voltage	-----	48 V

### Output to microinverter

Recommended power of the microinverter	-----	400 - 1.200 W
Rated output power	-----	1.200 W
Rated output current	-----	30 A
Nominal voltage range	-----	16 - 60 V

### Efficiency

MPPT efficiency	-----	99%
Output efficiency	-----	98%

### Protection

Overvoltage protection	-----	Yes
Overcurrent protection	-----	Yes
Short circuit protection	-----	Yes
Temperature protection	-----	Yes
Operating temperature	-----	- 20-45°C
Dimensions	-----	363x246x64mm
Weight	-----	≈ 4,7kg
Wireless type	-----	Bluetooth, 2.4 Ghz WLAN
IP level	-----	IP65
Warranty	-----	10 years





## Extra battery AB1000



Capacity	960Wh (20Ah 48V)
Battery type	LiFePO4
Cycle	3,000
Input	Maximum 800 W
Output	Maximum 1,200 W
Additional battery quantity	4
Maximum expansion capacity	960*4=3,840 Wh

### Protection

Charging Overvoltage Protection	Yes
Charging overcurrent protection	Yes
Short circuit protection	Yes
Discharge overvoltage protection	Yes
Discharge overcurrent protection	Yes
Temperature protection	Yes
Waterproof level	IP65
Warranty	10 years
Charging temperature	0 - 45°C
Discharge temperature	- 20-45°C



Zendure was established in 2017 and is one of the fastest growing EnergyTech startups based in the tech hubs of Silicon Valley, USA, Greater Bay Area, China, Japan and Germany.

Our goal is to promote a sustainable future.

It is our mission to provide reliable and affordable clean energy to households around the world by making the latest EnergyTech accessible.

 German site: <https://zendure.de/>

 European site: <https://eu.zendure.de/>

### Contact us

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