



SolarFlow

Balcony solar storage system

Smart PVHub 1200



**Compatible with
1200W Microinverter**



**15-years Use Life
10-year Warranty**



**All-metal Sealed
Enclosure**



IP65

Short-circuit Current	-----	14.3A Max
Solar Input Current	-----	0~13A
Solar Input Voltage	-----	16~60V
Solar Input Power	-----	210-550W Each, 1000W Max in Total
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

Output to Add-on Battery

Output to AB1000	-----	48V/16.6A, 800W Max
Output to AB2000	-----	48V/25A, 1200W Max
Input from Add-on Battery	-----	48V/25A, 1200W Max

Efficiency

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

Protection

Overvoltage Protection, Overcurrent Protection,
Short-circuit Protection, Overheat Protection

Working Temperature	-----	-4 °F~113 °F
Wireless	-----	Bluetooth, 2.4GHz Wi-Fi
IP Rating	-----	IP65
Warranty	-----	10 Years

Dimensions and Weight

Master Carton (LxWxH)	-----	57.7×34.7×17.5cm (22.71×13.66×6.89 inches)
Gross Weight	-----	≈ 8.86KG (19.53 pounds)

Add-on Battery 2000



Rechargeable down to -4°F (-4°F~140°F)



Compatible with AB1000



Space-saving



Up to 7680 Wh

Specifications

Capacity	1920Wh(40Ah 48V)
Battery	LiFePO ₄
Life Cycle	3000 Cycles (DOD≥80%) 6000 Cycles (DOD≥70%)
Input	48V=25A, 1200W Max
Output	48V=25A, 1200W Max
Battery Quantity	AB2000 x 4
Maximum Expandable Capacity	1920 x 4=7680 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	32~131°F
Discharging Temperature	-4~140 °F
Automatically Self-heating Function	-4-32°C
Compatibility with AB1000	Yes
Finish	Integrated Die-casting Design

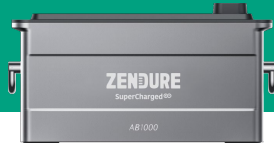
What's in the Box

AB2000	1 pc
User Manual	1 pc
Fixed Buckle Set	1 pc

Dimensions and Weight

Master Carton (LxWxH)	45×28×42cm (17.72×11×16.54 inches)
Gross Weight	≈ 25KG (55.12 pounds)

Add-on Battery 1000



**MC4
Adaptability**



**15-year Use Life
10-year Warranty**



**All-Metal
Sealed Enclosure**



IP65

Specifications

Capacity	960Wh(20Ah 48V)
Battery Type	LiFePO ₄
Life Cycle	3000 Cycles (DOD≥80%) 6000 Cycles (DOD≥70%)
Input	800W Max
Output	1200W Max
Battery Quantity	AB1000 x 4
Maximum Expandable Capacity	960 x 4=3840Wh
Overvoltage Protection	Charging & Discharging
Overcurrent Protection	Charging & Discharging
Short-circuit Protection	Yes
Overheat Protection	Yes
IP Rating	IP65
Warranty	10 Years
Charging Temperature	32~131°F
Discharging Temperature	-4~140°F
Compatibility with AB1000	Yes
Finish	Integrated Die-casting Design

What's in the Box

AB1000	1 pc
User Manual	1 pc

Dimensions and Weight

Master Carton (LxWxH)	43.7×26.7×28.5cm (17.20×10.51×11.22 inches)
Gross Weight	≈ 13.95KG (30.75 pounds)



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.

Our purpose is to accelerate a sustainable future.

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

Contact Us

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