



SolarFlow

Balcony solar storage system

Smart PVHub 1200



**Compatible Up to
1200W Micro Inverter**



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



**Full-body Metal
Enclosure Design**



**IP65
Waterproof**

PV Input

Recommended Input PV module -----	210-550W each
Maximum Input DC Voltage -----	60 V
PV Input both -----	16-60V \rightarrow 13A, 400W Max
Min DC Input Voltage -----	16V
Max DC Short Circuit Current -----	14.3A
Number of MPPT -----	2

Output

Max Output Power -----	1200W Max
Max Output Current -----	25A
Rate Voltage -----	48V

Charging AB1000

Max Input Power -----	800W
Max Input Current -----	16.6A
Rate Voltage -----	48V

Charging AB2000

Max Input Power -----	1200W
Max Input Current -----	25A
Rate Voltage -----	48V

Output to Microinverter

Recommended Microinverter's Power -----	400-1200W
Rated Output Power -----	1200W
Rated Output Current -----	30A
Nominal Voltage Range -----	16-60V

Efficiency

MPPT Efficiency -----	99%
Output Efficiency -----	98%

Protection

Overvoltage Protection, Overcurrent Protection, Short Circuit Protection, Temperature Protection

Working Temperature -----	-20-45°C
Wireless Type -----	Bluetooth, 2.4G Hz Wi-Fi
IP Leve -----	IP65
Warranty -----	10Years

Package Dimension -----	57.7×34.7×17.5cm
Weight (with product) -----	≈ 8.86kg

Add-on Battery 2000



**Rechargeable
Down to -20°C**



**Compatible
with AB1000**



Space-saving



Up to 7680 wh

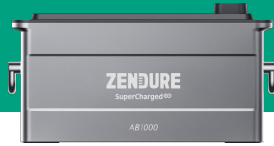
Specifications

Capacity	1920Wh (40Ah 48V)
Battery Type	LiFePO4
Cycle	3000 (≥80%) / 6000 (≥70%)
Input	48V=25A, Max 1200W
Output	48V=25A, Max 1200W
Extray Battery Quantity	4
Max Expand Capatiy	1920*4=7680 Wh
Charging Overvoltage Protection	Yes
Charging Overcurrent Protection	Yes
Short Circuit Protection	Yes
Discharging Overvoltage Protection	Yes
Discharging Overcurrent Protection	Yes
Temperature Protection	Yes
Self-heating	Yes
Waterproof level	IP65
Warranty	10 Years
Charging Temperature	-20C~55°C
Discharging Temperature	-20C~60°C
Extend with ab1000	Support
Technology of metals	Integrated die-casting

Accessories

User Manual	1PCS
fixed buckle set	1PCS
Battery cable	1PCS (optional)
Package Dimension	45×28×42cm
Weight (with product)	25kg

Add-on Battery 1000



**MC4
Adaptability**



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



**Full-body Metal
Enclosure Design**



**IP65
Waterproof**

Specifications

Capacity	960Wh (20Ah 48V)
Battery Type	LiFePO4
Cycle	3000 (≥80%) / 6000 (≥70%)
Input	Max 800W
Output	Max 1200W
Extray Battery Quantity	4
Max Expand Capatiy	960*4=3840Wh
Charging Overvoltage Protection	Yes
Charging Overcurrent Protection	Yes
Short Circuit Protection	Yes
Discharging Overvoltage Protection	Yes
Discharging Overcurrent Protection	Yes
Temperature Protection	Yes
Waterproof level	IP65
Warranty	10Years
Charging Temperature	0-55°C
Discharging Temperature	-20-60°C
Extend with ab1000	Support
Technology of metals	Integrated die-casting

Accessories

User Manual	1PCS
Package Dimension	43.7×26.7×28.5 cm
Weight (with product)	≈ 13.95kg

Pallet Dimension (Including Goods)

Hub + AB2000 (1:1)	20GP:180	40HQ:432
Hub + 2 × AB1000 (1:2)	20GP:180	40HQ:420
All AB2000	20GP:256	40HQ:640
All AB1000	20GP:480	40HQ:1200
All Hub	20GP:576	40HQ:1440



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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