ZENDURE



SolarFlow 2400 AC

Effortless AI Energy Management, Shaping the Future of Smart Storage

The World's First AI-Integrated Easy-to-Install AC-Coupled Residential Storage System

SolarFlow 2400AC+AB3000X



SolarFlow 2400 AC

On-grid Terminal

Nominal Input/Output Voltage	230V a.c.
Nominal Input/Output Frequency	50Hz
Max. Input/Output Power	2400W

Off-grid Terminal

Nominal Output Voltage	230V a.c.
Nominal Output Frequency	50Hz
Max. Output Power	2400W

General Information

Power Factor	0.8(lagging)-0.8(leading)
Protective Class	I
Operating Temperature	-20°C~60°C
Type of Enclosure	IP65*
Product Size	410*302*75 mm
Net Weight	10.12KG
Gross Weight	12.96KG

Battery Charge/Discharge

Battery Voltage Range	37.5V d.c. to 54.75V d.c.
Battery Charge/Discharge Power	2400W/2600W Max
Battery Charge/Discharge Current	60A/54.17A d.c.
Expandable Battery Quantity per Unit	6
Maximum Expandable capacity	2,880Wh × 6 =17.28kWh

Wireless Information

Bluetooth	Protocol: Bluetooth 5.0 Frequency: 2402-2480MHz Maximum Transmit Power: 20.0 dBm
Wi-Fi	Protocol: 802.11b/n/g Frequency: 2412-2472MHz Maximum Transmit Power: 20.0 dBm

*The device does not maintain IP65 waterproof protection when the off-grid socket is in use (plugged in) or when the waterproof cover is not properly sealed.

AB3000X

Battery Rated Voltage	48V d.c
Battery Life Cycle	6,000 Cycles
Rated Capacity	60Ah/2,880Wh
Battery Type	$LiFePO_4$
Maximum Input/Output Power	One AB3000X Battery: 2,880W Two or More Batteries: 3,840W
Charging Temperature	0° C ~ 55° C (32° F ~ 131° F)
Discharging Temperature	-20° C ~ 60° C (-4° F ~ 140° F)
Self-heating Function	Yes
Automatically Self-heating Function	-20° C ~ 0° C (-4° F ~ 32° F)
Storage Temperature	-30° C to 45° C (-22° F to 113° F): 1 month -20° C to 35° C (-4° F to 95° F): 6 months
Aerosol Fire Suppression Syst	Yes
Activation Temperature	170° C ±10° C (338° F ±18° F)
Battery Protection	Overvoltage, Overcurrent, Short-circuit, Overheat Protections
Compatibility	SolarFlow 2400 AC, AB3000X
Dimensions	477.5 × 320 × 194 mm
Weight	26.1 kg
IP Rating	IP65