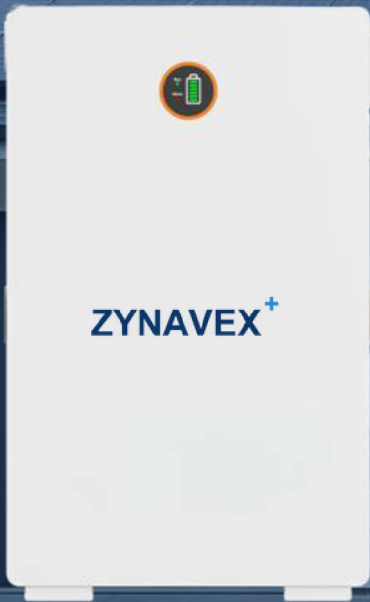


# ZYNAVEX+

## Residential Energy Storage Solution



# Na48160W

## 48V 160Ah 7.68kWh



© 2025 Zynavex Sdn. Bhd. All rights reserved.

The Na48160W is a comprehensive home wall-mounted solar Na-ion battery. It features built-in high-quality, high-capacity Na-ion batteries, ensuring a long system lifespan for the battery. The independently designed Battery Management System (BMS) has been verified to be compatible with inverters from different brands, supporting hybrid grid-tied and off-grid operation modes.

## FEATURES



### Longer Life and Safer

- Na-ion Battery
- Built-in hot aerosol fire extinguishing device



### Low Maintenance

- Firmware update service via built-in BLE
- Check battery operation status and configure BMS via BLE



### Flexible and Expandable

- Up to 20 units in parallel
- The parallel system's max capacity is 153.6kWh



### Certification

- UN38.3, MSDS, Marine Report, UL1973

© 2025 Zynavex Sdn. Bhd. All rights reserved.

## Dimensions



### Electrical Characteristics

Nominal Voltage	48V
Nominal Capacity	160Ah
Energy	7680Wh
Battery Chemistry	NFPP Sodium-ion battery
Cycle Life	8,000 cycles @25°C, 0.5C/0.5C
Operating Voltage	32V-55.2V
Communication Interfaces	RS232 / CAN / RS485
Scalability	Up to 20 units
Protection	Aerosol fire extinguishing

### Charge & Discharge

Nominal Charging Current	80A
Nominal Discharging Current	80A
Max. Charging Current	200A
Max. Discharging Current	200A
Conversion Efficiency	≈99%, 25°C/0.5C

### Environmental

Working Environment	indoors/Under the outdoors eaves
Charging Temperature	0~55°C
Discharging Temperature	-40~60°C

Storage Temperature	20°C to 45°C with in three months; 25±3°C for more than three months
---------------------	---

Altitude	≤3000m
Cooling Method	Natural Convection
IP Rating	IP65

### Mechanical

Dimension(L*W*D)	800mm*500mm*227mm(±2mm)
Weight(approximately)	113±2kg
Installation	Wall mounted or floor


### Compliance

UN38.3, MSDS, Marine Report, UL1973

# ZYNAVEX+

Zynavex Sdn. Bhd.

---

 +6-011-66368966

 <https://www.zynavex.com>

 [support@zynavex.com](mailto:support@zynavex.com)

---