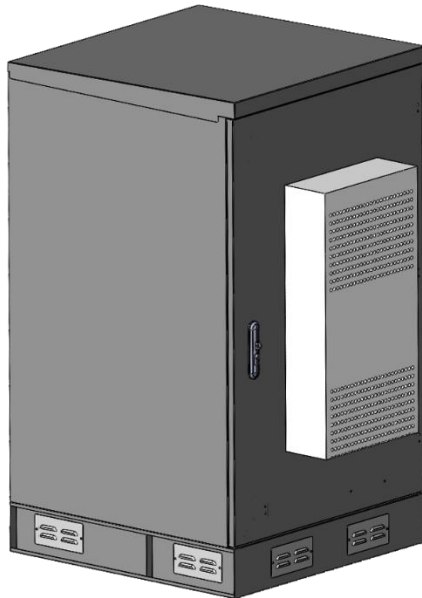


27U Outdoor Enclosure, 23" Installation, 1kW Air Conditioner, IP55



Description

This 27U outdoor cabinet is specifically designed for the reliable installation of rack-mount hybrid inverters. Featuring a generous 23-inch width and an extended depth, the cabinet provides ample space to accommodate up to three rack-mount hybrid inverters simultaneously, making it an ideal solution for complex or redundant power configurations in traffic, telecom, and industrial applications.

Engineered for harsh outdoor environments, the cabinet adopts a dual-layer construction:

- ✓ Outer layer: High-strength galvanized steel for excellent mechanical protection and corrosion resistance.
- ✓ Inner layer: Thermal insulation material to minimize heat transfer and reduce thermal load.

To further enhance cooling efficiency, the cabinet is equipped with a 1 kW AC air conditioner, ensuring stable operating temperatures even under high ambient conditions or heavy inverter loads.

General Specification

Material	Two Layers, 1.5mm Galvanized Steel as Outer Layer, 10mm Thermal Insulation Foam as Inner Layer.
Finish	Pantone 428C Powder Coating finished
Color	RAL7035 Light Grey
External Dimension	H1492xW850xD860 mm, including Plinth H150 mm
Protection Level	IP55
Installation	Pad Mount
Access	Front Door
Rack Mount	23"
Locking Mechanism	3 Point Locking
Cable Access	6 pcs of PG21 Cable Entries at the Bottom
Other Included Parts	Board for Circuit Breakers, 6pcs of L Brackets to Support the Inverter

Cooling System

1 X Air Conditioner, 1kW, AC 220V

LED Lighting

5W Led Light 48VDC

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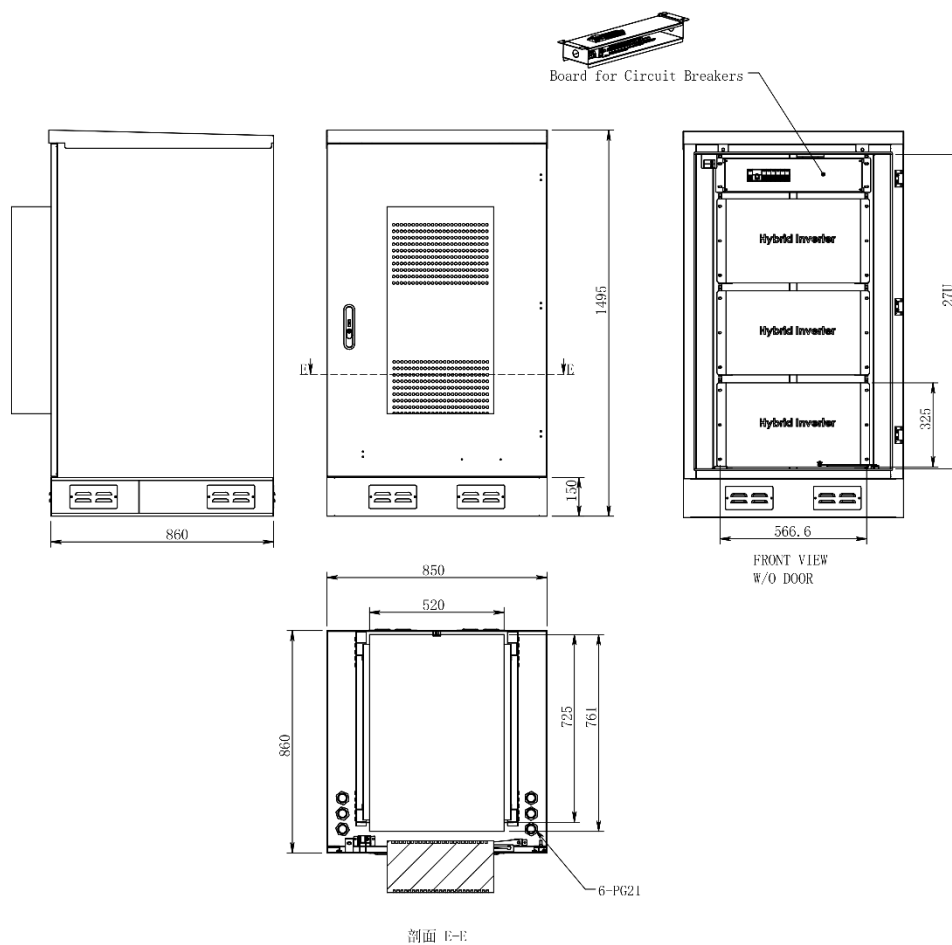
Monitoring

Smoker Sensor	1*DC 48V Smoker Sensor
Door Sensor	2*Door Limit Sensor

Environmental Parameter

Operating Temperature	-40°C to +55°C
Storage Temperature	-40°C to +70°C
Humidity	5%-95%

Product Dimensions



Ordering Information

Part No.	Description
0232700001	27U Outdoor Enclosure, Compatible with 23" Installation Hybrid Inverter, 1kW Air Conditioner, IP55

Note: we accept customization for outdoor enclosures, kindly send email to support@nbspringsystem.com for more details.