

84U Dual Bay Outdoor Enclosure, 2x2kW Air Conditioner, IP55



Description

The 238401 84U Dual Bay Outdoor Enclosure is designed to supply power in outdoor base station, to accommodate the batteries to provide sufficient power supply for broadband equipment and switches. With the front and rear dual bay (42U per bay, total 84U), the enclosure is capable to accommodate 16 sets of 200AH internally, with a maximum capacity of up to 3200AH. The cabinets are equipped with cooling air conditioner to maintain the internal temperature between 30~40℃, suitable for various high-temperature environments. Various monitoring sensors such as temperature, humidity, smoke, and access control are installed in the enclosure, allowing personnel to monitor the operation status of the cabinets in real-time.

- The front-to-back airflow design enhances cooling efficiency.
- Both of front and rear doors are equipped with 2kW 48VDC air conditioner, ensuring the adequate climate management inside the enclosure, to extend the battery life.
- Adopt double-wall structure with 30mm thick PU/PIR high-insulation foam inside, reduce thermal radiation, providing further temperature protection for the internal batteries.

General Specification

Material	Three Layers, 2.0 mm Thickness Galvanized Steel as Outer Layer, 3.0 mm Insulation as Middle Layer, and 0.8 mm Thickness Galvanized Steel as Inner Layer
Finish	Pantone 428C Powder Coating
Color	RAL7035 Light Grey
External Dimension	H2280xW60xD1400 mm, including Plinth H150 mm
Protection Level	IP55
Installation	Pad Mount
Access	Front Door and Rear Door
Rack Mount	19"
Locking Mechanism	4 Point Locking
Cable Access	4 Sets of 8*PG29 at the Bottom
Other Included Parts	1x Document Holder, 1xUK Type 220V Outlet, 1x Grounding bar, 36xL-Rail, 1*16 Pin Terminal Block (UK2.5N)

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Cooling System

2 X Air conditioner, 2KW 48VDC

LED Lighting

5W Led light 48VDC

Monitoring

Temperature Sensor	48V Temperature and Humidity Sensor
Smoker Sensor	48V NC/NO Smoker Sensor
Door Sensor	Provide Real-time Alarm When Door is Illegally Opened

Environmental Parameter

Operating Temperature	-40°C to +55°C (according to ETS 300 019-1-4, Class 4.1E)
Storage Temperature	-25°C to +55°C (according to ETS 300 019-1-4, Class 4.1E)
Humidity	5-100% (according to ETS 300 019-1-4, Class 4.1E)

Ordering Information

Part No.	Description
238401	84U Front and Rear Dual Bay Outdoor Enclosure, Galvanized Steel
238401A	84U Front and Rear Dual Bay Outdoor Enclosure, Aluminum
238401S	84U Front and Rear Dual Bay Outdoor Enclosure, Stainless Steel

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