

# ExoCab18 outdoor enclosure



The **Eaton ExoCab18 outdoor telecommunications cabinet** is a range of versatile, cost effective outdoor cabinets for a wide range of electronics applications.

The ExoCab18 can be configured for DC power, UPS, battery, or any other outdoor installation requiring robust protection for electronics equipment.

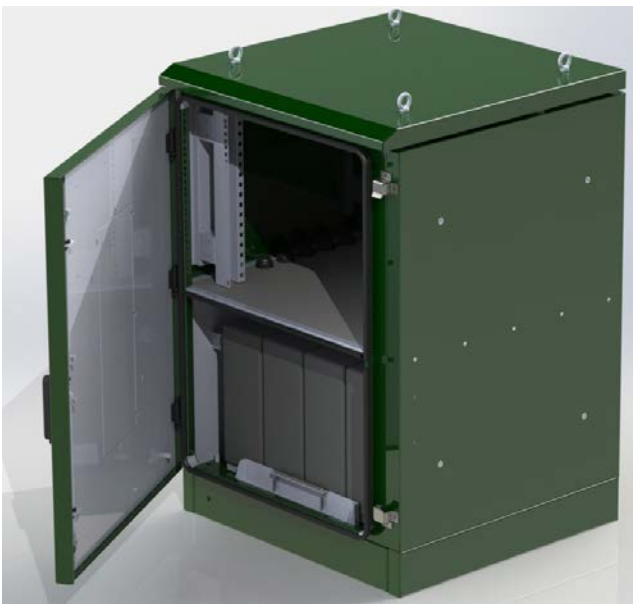
Front and back doors are provided for ease of access.

The standard cabinet is naturally cooled by internal air circulation and external convection. A heat exchanger door can be fitted for increased heat dissipation.

The ExoCab18 includes a galvanised steel mounting plinth and lifting eyes.

It is constructed from marine-grade aluminium and stainless steel for long life in harsh environments.

When fitted with Eaton DC power equipment or UPS, full remote monitoring by web / SNMP is provided.



## Versions

1. Double Door
  - 18U equipment bay
  - DC or UPS modules
  - Heat exchanger option
2. Combined cabinet
  - Power Bay: 9U x 19"
  - Battery Bay: 1 string 48V 190Ah
  - Optional heat exchanger available
3. Battery cabinet
  - Up to 2 x 48V 190Ah strings

Other versions to special order

## Features

- UPS, DC power, battery and combined options
- Cost effective
- High level of protection from the environment
- Compact
- Durable aluminium exterior and stainless steel internal parts.
- Two-point locking.
- Lock to customer requirements, including triangle key, lock barrels compatible with other Eaton cabinets, etc.
- Anti-graffiti finish
- Battery bay gas vents
- Optional generator connection
- Generator secure point eyebolt
- Optional Rear door
- Optional heat exchanger
- Optional air conditioner



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# Technical Specifications

## Dimensions

|        |  |
|--------|--|
| Height | 1100 mm, includes 200mm plinth                               |
| Width  | 690 mm   |
| Depth  | 941 mm with heat exchanger door<br>734 mm standard two doors |

## Equipment Mounting

|                    |   |
|--------------------|---|
| Total height       | 18U   |
| Usable height      | 16U   |
| Width              | 19 inches (483 mm)  |
| Depth              | 600 mm  |
| Equipment mounting | 19 inch<br>Mounting rails can be adjusted at front and rear of cabinet. |

## Temperature ratings

### *Standard enclosure*

|                           |  |
|---------------------------|--|
| Heat dissipation          | Maximum 200W   |
| Internal temperature rise | 10°C for 100W internal dissipation<br>20°C for 200W internal dissipation |

### *Temperature ratings With optional heat exchanger*

|                           |                                    |
|---------------------------|------------------------------------|
| Heat dissipation          | Maximum 600W                       |
| Internal temperature rise | 10°C for 600W internal dissipation |

### *Temperature ratings With optional air conditioner*

|                  |              |
|------------------|--------------|
| Heat dissipation | Maximum 650W |
|------------------|--------------|

## Environmental

|                     |   |
|---------------------|---|
| Ambient Temperature | -20°C to +40°C Operating<br>-20°C to 60°C Storage |
| IP Rating           | IP55  |
| Seismic Rating      | 2g in any direction                               |
| Wind survival       | 40m/s   |

## Construction

|              |   |
|--------------|---|
| Cabinet      | 2mm marine grade aluminum, powder coated<br>Single skin |
| Plinth       | Galvanized steel  |
| Color/Finish | Ghost Grey or Karaka Green<br>Anti-graffiti powder coat |

In the interests of continual product improvement all specifications are subject to change without notice

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