

ExoCab18 outdoor enclosure



The **Eaton ExoCab18 outdoor cabinet** belongs to 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 rear doors are provided for ease of access. Cooling options include unvented, fresh air cooled, heat exchanged and air conditioned

The ExoCab18 includes a 200mm 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. Standard, closed enclosure
A sealed enclosure for equipment with small heat dissipation requiring a high level of protection from the environment.
2. Fresh-air cooled
Fresh air cooling allows a much higher heat dissipation. For robust / hardened equipment.
3. Heat exchanger
Provides a high degree of environmental protection with increased dissipation relative to the sealed unit. Very low maintenance.
4. Air conditioned
Provides a high degree of environmental protection with high heat dissipation and wide operating temperature range.

Other versions to special order

Features

- UPS, DC power, battery and other equipment options
- 18U of equipment space
- Sealed, fresh air, heat exchanger and air conditioned options.
- Cost effective
- High level of protection from the environment
- Durable aluminium exterior and stainless steel internal parts.
- Three-point locking.
- Lock to customer requirements, including triangle key, lock barrels compatible with other Eaton cabinets, etc.
- Anti-graffiti finish



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Technical Specifications

Dimensions

| | |
|--------------------------------------|----------------------------------|
| Height | |
| Closed / Fresh air / Heat Exchanger | 1100 mm (includes 200 mm plinth) |
| Air Conditioned | 1439 mm (includes 200 mm plinth) |
| Width | |
| | 690 mm |
| Depth | |
| Closed / Fresh air / Air Conditioned | 735 mm |
| Heat Exchanged | 947 mm |

Equipment Mounting

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

Temperature ratings

Closed enclosure

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

Temperature ratings

Heat exchanged version

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

Temperature ratings

Air conditioned version

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

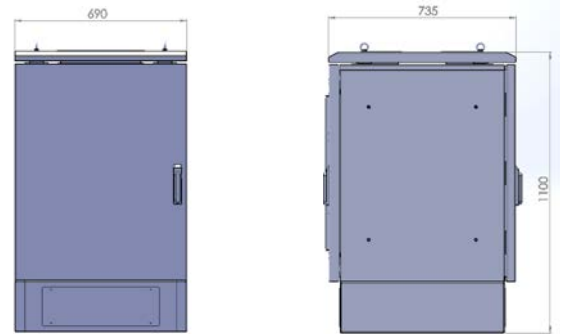
Environmental

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

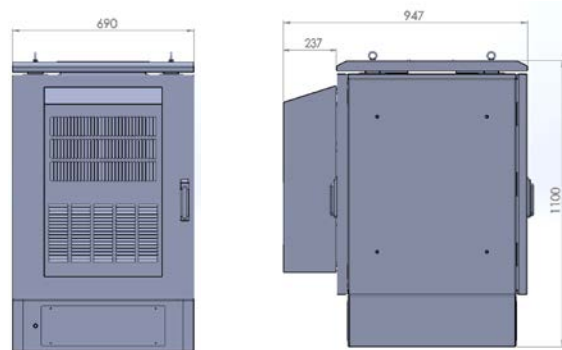
Construction

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

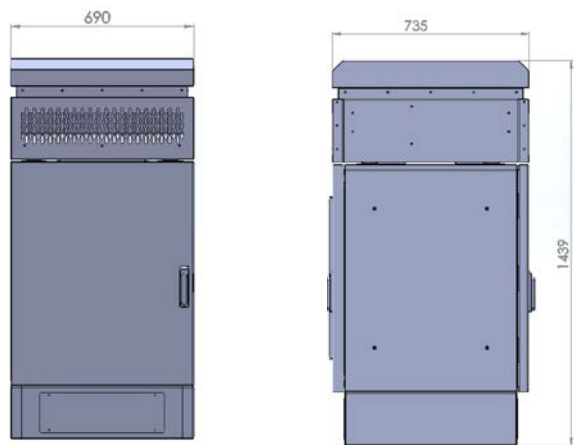
In the interests of continual product improvement all specifications are subject to change without notice



Standard and Fresh Air Cooled



Heat Exchanged



Air Conditioned