



ExCITE-Seismic

Exchangeable Cooling IT and Telecom Enclosure

INTRODUCTION

The ExCITE-S seismic enclosures represent a highly suitable solution for outdoor installations where the presence of shock and vibration is a significant consideration. Crafted with a focus on robustness, these cabinets offer specialized protection against the challenges posed by seismic activity and constant movement. Whether in use for sensitive equipment or essential infrastructure, the ExCITE-S enclosures ensure a secure environment, shielding the housed components from potential damage caused by external shocks and vibrations. These enclosures are designed to maintain operational integrity even in unpredictable outdoor settings, making them an excellent choice for applications where durability and stability are paramount.

WHY ExCITE?

Rear Access Feature: Enables convenient installation and maintenance by providing access to both the front and rear of the cabinet.

Seismic Certification: Fortified frame strength and rigidity guarantee exceptional stability, with the added option of an anti-vibration mount for further dampening of vibrations.

Weatherproof: Equipped with weather-resistant seals, gaskets, and coatings to prevent moisture, dust, and other outdoor elements from compromising the enclosed equipment's functionality.

Modularity: Offers a modular design that allows for customization and adaptability to various equipment sizes and types, ensuring a tailored fit for specific applications.

Compatibility: Compatible with a range of industries and applications, including telecommunications, industrial automation, data centers, transportation, and more.



THERMAL MANAGEMENT OPTION

Air Conditioner:

- DC powered 300W to 3000W cooling capacity available w/wo integrated heater
- AC powered 520W to 5000W cooling capacity available w/wo integrated heater

Heat Exchanger:

- 80W/K DC powered Heat Exchanger
- 100W/K DC powered Heat Exchanger
- 120W/K DC powered Heat Exchanger
- 150W/K DC powered Heat Exchanger
- 180W/K DC powered Heat Exchanger

Free Air Cooling:

- DC and AC powered FAC in any range available

Fan heater:

- DC and AC powered Fan Heater in any range available

Hybrid Cooling:

- Any combination of Free Air Cooling, Air Conditioner and Heat Exchanger available

Strong Points

Easy installation

IP55/NEMA4

Fast delivery

Cost effective

Heavy Duty

FEATURES AND BENEFITS

- Aluminium made body on steel structure
- Electrostatic Polyester powder Coated
- Multi point locking mechanism
- IP55 / NEMA4
- Cabinet walls are insulated by PIR insulating material
- Smoke detector
- LED service light
- Multiple methods for Cable Entry
- Back door option available
- Different Plinth height available

ADDITIONAL SERVICES

Service Panel

There is an option to install a service panel based on your needs as following:

- Single Phase or Three Phase (110V/208V/240V)
- Amperage is customizable
- Circuit breakers are customizable

Meter Base

It is also available to install a single/three phase Meter Base in any amperage is needed.

DC Power System

we understand that time is of the essence when it comes to installation and commissioning of your equipment. That's why we offer the convenience of pre-installing your devices inside the ExCITE cabinets and wiring them to your exact specifications. With this service, you can rest assured that your

product is fully certified, and all necessary tests have been conducted before delivery. This approach allows for a smoother and more efficient process, saving you time and money while ensuring your equipment is up and running as soon as possible.

AC Receptacle

To power on an external Fan Heater during maintenance in cold weather, an AC 120V/240V Receptacle can be installed upon your request.

TECHNICAL SPECIFICATION

Physical Characteristics	
Width (mm)	600 to 800
Depth (mm)	600 to 800
Height (mm)	800 to 2500
Weight (kg)	Depends on the dimension and equipment inside
Rack Space	10 to 48 RU
Mechanical Characteristics	
Body Material	Aluminum (corrosion resistance)
Structure Material	Stainless Steel
Coating	Electrostatic Polyester Powder Coat
Door Features	
Locking	Multi-point locking (various options available)
Gasket	Rated for outdoor use
Door Stop	Wind stop to hold door during maintenance (120°)
Other Characteristics	
Thermal Insulation	Various options available
Cable Entry	Various options available
Battery Trays	Optional battery tray(s) with battery breakers
Plinth	Plinth covers accessible from 4 sides
Ground Busbar	5x M6 & 4x M8
Lifting eyes	4x Lifting positions fitted under the top cover
General Options	Back Door, Door switch, Document pocket, Smoke detector (48VDC), LED Service light (48VDC), Laptop tray

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