



Type 3 23" Equipment Cabinet

Overview:

Eltek Valere is a world leader in the development of telecom power systems that are designed to meet the rapid growth within the field of telecommunication, as well as the increasingly stringent reliability requirements. A key to this reliability in the outside plant is creating a cool, dry and secure environment for the electronics. With durable construction the Type 3 Power Cabinet incorporates tailored thermal systems (air conditioners, heat exchangers, and heaters) that will keep even the most sensitive electronics functioning in extreme environments. This cost effective solution has a unique cube design that give flexibility to easily have various heights of cabinets.

Applications

Solution of choice

The Type 3 cabinet is a cost effective platform that is designed for a variety of applications and can be tailored to fit your specific needs. The durable construction is well suited for power equipment, batteries, telecom gear, all integrated into a robust, economical package. The Type 3 cabinet is well suited for areas that require limited equipment installation such as Wireless Sites, Fixed Line Telecom Sites, Cable TV, DSL, and WLAN applications. The cabinet also works well as a stand-alone power for site-power applications or a battery solution for additional growth to existing application. In addition the hardened outdoor enclosure is suited for Industrial environments.

Reliability

Reliability in the outside plant depends upon the creation of a cool, dry and secure environment for the electronics. The Type 3 Cabinet more than accomplishes this with a variety of Thermal Management solutions that will keep sensitive electronics functioning in the most extreme environments.

Product Features

- ∞ Hardened outdoor enclosure
- ∞ 19" or 23" adjustable rack for equipment with usable height of 28U (1,5m) 35U (1,8m)
- ∞ Single skin construction (Double skin optional)
- ∞ DC power and battery backup
- ∞ Non-corrosive hot deep galvanized steel construction
- ∞ Bottom cable entry (optional top cable entry)
- ∞ Door mounted thermal management options
 - Fan and Filter (with quick change system)
 - Air Conditioner
 - Heat Exchanger
- ∞ Insulation for added thermal performance
- ∞ Optional Heater Kit
- ∞ Optional service light
- ∞ On-site assembly if needed
- ∞ UL 50
- ∞ IP55 rated, NEMA 3R

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Additional Technical Specifications

Physical Specifications

TOTAL HEIGHT	EXTERIOR DIMENSIONS	WEIGHT (empty)	RACK SPACE	NOTES
1.5 M	700mm W x 760mm D (27.5" x 29.9")	97kg (213.4 lbs)	28U (49")	Info does not contain cooling options
1.8 M	700mm W x 760mm D (27.5" x 29.9")	110kg (242 lbs)	35U (61.25")	Info does not contain cooling options

Construction Specifications

PARAMETER	SPECIFICATIONS	NOTES
Skin Material	1.5mm (0.06") thick hot deep galvanized steel (corrosion-resistant)	Optional Second Skin, call for details
Frame Material	Galvanized Steel	
Powder-Coat Paint	Light gray RAL 7035	
Insulation	Foil-Backed insulation on interior surfaces	

Door Specifications

PARAMETER	SPECIFICATIONS	NOTES
Latches	Four-point latched, available with an optional lock	
Gasket	UL rated for outdoor use	
Stay	Wind latch to hold door during maintenance (120°)	
Fan and Filter Solution	Filter class F5 (EN 779), IP55 rated, adds 53mm (2") to depth	
Heat Exchanger (HEX)	DC powered 100W/K or 150W/K, IP55 rated	Call for availability
Air Conditioning Unit	1,4kW, IP55 rated, adds 250mm (9.8") to depth	Call for availability

Rails Specifications

PARAMETER	SPECIFICATIONS	NOTES
Construction	Galvanized Steel	
Mounting Pattern	EIA Standard with holes for Gage nuts	
Orientation	19" mount	23" versions available up on request
Usable Mounting Height	28U for 1.5M, 35U for 1.8M	

Applicable Standards

PARAMETER	SPECIFICATIONS	NOTES
Electrical	IEC 60950, UL 60950, CAN CSA-C22.2 No. 60950-1-03	
EMC	ETSI EN 300 386 V.1.3.1, EN 61000-6-3, EN 61000-6-2	
Environment	ETS 300 019, Ingress Protection: EN 60529 IP55	

Miscellaneous Specifications and Options

PARAMETER	SPECIFICATIONS	NOTES
Sealed I/O ports	Bottom Cable Access through a 2x Multigland MC 25	Others available up on request
Battery trays	Optional 23" tray(s) capable of holding a string of batteries up to 260kg (572 lbs)	Each tray weights 6kg (13.2lbs)
Ground Bar	10 position M6 pressnut	
Heater	Optional 400W	
Plinth	Optional 115mm high plinth (4.53")	Foot Print 698mm W x 733mm D
Lifting Ears	4 lifting ears located under top cover	

Specifications are subject to change without notice

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