



3030 Cabinet Family

Power, Battery, & Equipment Enclosures

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 telecommunications, 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. The 3030 Enclosure can be configured for Power, Battery, & Equipment applications and incorporates tailored thermal systems (air conditioners, heat exchangers, and heaters) that will keep even the most sensitive electronics functioning in extreme environments.

Applications

Solution of choice

The 3030 cabinet family is designed for a variety of applications and can be tailored to fit customer specific needs. The cabinet is well suited for power equipment, batteries, and telecom gear, all integrated into a robust, economical package. Special attention to access, cable management, thermal analysis, and component optimization combine to provide very flexible cabinet solutions. This flexibility and a wide variety of options make the 3030 cabinet family the solution of choice for service providers.

Standard Product Features

- Hardened, Type 3 UL-listed outdoor enclosure
- 2 sets of heavy-duty, 23" adjustable rack rails, which allow for equipment to be mounted in the front and rear of the cabinet
- Front and Rear door standard
- Lightweight and non-corrosive aluminum construction
- Integrated barrier pad secured to the bottom of the cabinet
- 10 Position copper ground buss
- GFCI convenience outlet
- Door alarm with temporary defeat
- TGIC-free polyester powder coat
- Documentation pocket
- Laptop tray
- Interior Light
- Lifting eyes
- Solar shield top
- Designed to meet GR-487 CORE
- LED cabinet lighting
- Separate battery chamber

Optional Product Features

- Top or bottom cable entry compartments available
- Available DC power and battery backup
- Flexible A/C service options including
 - Main Lug / Main Breaker
 - Manual / Automatic Transfer Switch
 - Generator Connection
 - TVSS
- Air conditioner, heat exchanger, and DC backup ventilation options available
- Battery trays with optional heater pad
- Adjustable high/low temperature alarm sensor
- Alarm aggregation point (66 block, barrier strip, terminal block, or Eltek Valere I/O monitor)
- Solar shield sides
- Fiber management
- Smoke Alarm
- Telco box
- Separate battery chamber
- Side-access RF cable entry with rain shroud
- T1/DS3/Ethernet protection

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Physical Specifications

| MODEL NUMBER | DESCRIPTION | EXTERNAL DIMENSIONS |
|--------------|----------------------------|-----------------------------|
| 303040 | 40 RU Internal Rack Height | 81.25" H x 30" W x 32.25" D |
| 303030 | 30 RU Internal Rack Height | 61.25" H x 30" W x 32.25" D |
| 303020 | 20 RU Internal Rack Height | 41.25" H x 30" W x 32.25" D |

Construction Specifications

| PARAMETER | SPECIFICATIONS | NOTES |
|-------------------|--|-------|
| Material | 0.125" thick aluminum (lightweight, corrosion-resistant) | |
| Powder-Coat Paint | RAL 7035, TGIC-free polyester powder coat | |
| Insulation | Foil-Backed insulation on interior surfaces | |

Door Specifications

| PARAMETER | SPECIFICATIONS | NOTES |
|-----------|--|-------|
| Handle | BELLCORE 216 | |
| Gasket | UL rated for outdoor use | |
| Stay | Wind latch to hold door during maintenance | |
| Hinges | Heavy duty lift off hinges for flexible upgrades | |

Rails Specifications

| PARAMETER | SPECIFICATIONS | NOTES |
|------------------------|---|---------------------|
| Construction | Plated Steel | |
| Mounting Pattern | EIA Spacing | |
| Dimensions | 23" mount | 19" mount available |
| Usable Mounting Height | Available in 20, 30, and 40 RU versions | |

Miscellaneous Specifications

| PARAMETER | SPECIFICATIONS | NOTES |
|------------------------------|--|-------|
| Ground Bar | Standard Copper, 10 position, dual-hole lug style | |
| Battery trays | Designed for up to 190 Ah batteries | |
| Battery Heater Pads | Optional battery heater pad per battery tray with thermal switch | |
| Customized side access panel | Removable access panel for equipment access | |
| DC backup ventilation | Optional DC ventilation system for emergency backup | |

Specifications are subject to change without notice