EdgeRack 3P Series

SKU# ECX-ER3P

ENCONNEX

The EdgeRack 3P Series from Enconnex is a fully integrated enclosure system that provides the power, cooling, management, and security you need in a small footprint. Equipped with 3.5kW of cooling, power management, environmental sensors, remote monitoring and intuitive controls, this turn-key solution is 100% ready to be outfitted with whatever equipment you need for your business to be successful. The EdgeRack 3P Series is ideal for areas where space is limited and / or heat levels could be a concern, and is a perfect solution for small to medium offices, retail outlets, educational institutions, and remote edge computing locations.

PRODUCT FEATURES

- Top-mounted, self-contained cooling unit for managing up to a 3.5kW IT load
- Integrated monitoring system with HMI touch-screen for intuitive system management and monitoring
- Power control module with breaker panel for precise power management and protection
- Electro-magnetic, auto opening door system forces the doors open in emergency high-heat and power outage situations
- Magnetic, movable temperature / humidity and smoke detection sensors for monitoring your enclosed environment
- Leak detection cord at the bottom of the unit to quickly alert you to any moisture risks
- Front plexiglass door and split metal rear doors w/ key locks provide a secure solution for your IT equipment
- Locking side panels for quick side access and added security

APPLICATIONS

- Small to Mid-Sized Offices
- Educational Institutions
- Remote or Branch Offices
- Medical Facilities
- Retail Stores
- IT Test Labs
- Clean Room Environments

EDGERACK 3P SERIES SOLUTION BENEFITS

- **Smart Cabinet Solution:** The entire IT infrastructure (network, storage, and compute) can be housed in one enclosed cabinet that works in traditional and nontraditional IT space. A fully integrated design that lets you load your equipment and go.

- **Efficient Cooling:** An integrated 3.5kW top-mount cooling unit efficiently cools your critical IT gear by blowing a curtain of cold air down the front of your cabinet.

- **Increased Security:** All of our doors and side panels are locking, creating a secure system for your critical IT systems.

- **Reduced Footprint:** Save space by consolidating and securing IT equipment in a single cabinet footprint.

- **Integrated Management:** Built-in monitoring system with touch screen UI to make it easy to view, receive notifications and control the units running status. Monitors controls and alerts on hardware functioning in the system for the UPS, air conditioning, power distribution module, temperature and humidity sensors and other intelligent equipment.

- **Smart-sensing:** Temperature / humidity, smoke and leak detection sensors are included to help you monitor your enclosed environment.

- **Power Management:** The included power distribution module provides power line protection and management, UPS service bypass (for applications with UPS installed), surge protection and power metering.

- **Reduced Footprint:** Save space by consolidating and securing IT equipment in a single cabinet footprint.

- **Increase Equipment Efficiency and Reduce Heat:** An integrated 3.5kW top-mount cooling unit efficiently cools your critical IT gear.

SPECIFICATIONS

Physical	Specs
Main Cabinet Dimensions	600mm (W) x 1100mm (D) x 1567mm (H)
Cooling Unit Dimensions (Top-mount)	600mm (W) x 1100mm (D) x 389mm (H)
Complete Unit Height	42U (1956mm)
Available Unit Height	33U (1466.85mm)
Net Weight	330 kg
Max Load Capacity	2998 lbs (1360 kg)
Cooling Capacity	3.5 kW
Input Voltage	208V - 240Vac
AC Frequency	50Hz

EDGERACK ADVANCED CABINET - PARTS INCLUDED

Part	Quantity
Front plexiglass door w/ key lock	1 PCS
Rear split solid doors	1 PCS
Side Panel - Solid panels with sound proofing material	4 PCS
Top-mount 3.5 kW cooling unit	1 PCS
Main breaker and power control unit	1 PCS
Electro-magnetic door opening / locking system	1 PCS
HMI screen w/ monitoring controls	1 PCS
Bottom with brushed entry at the rear	1 PCS
Temperature / humidity sensor	1 PCS
Smoke sensor	1 PCS
Leak detection unit	1 PCS
LED indicators (red / blue)	2 PCS
Mounting Rails	4 PCS
Cable Management Bar	2 PCS
3" Heavy Duty Casters	4 PCS
Leveling Feet	4 PCS

EDGERACK ADVANCED CABINET - HARDWARE INCLUDED

Hardware	Quantity
M6 Cage Nuts	50 pcs
Screws for M6 Cage Nuts	50 pcs
Washers for M6 Cage Nuts	50 pcs
Anchoring Brackets	1 set
M8 Bolts	4 pcs
M8 Washers	4 pcs