

System solutions  
integrated wireless enclosure

# Wireless enclosure systems

## Integrated enclosure systems for Eaton's wireless solutions

Eaton's wireless enclosure systems are engineered to house, protect, and power Eaton wireless solutions equipment safely and securely in harsh environments.

For more information visit:  
[www.eaton.com/wireless](http://www.eaton.com/wireless)

### Industrial grade

Wireless enclosure systems designed to deploy, power, and protect essential communications equipment that provides SCADA telemetry, wireless backhaul, and broadband communications for mission-critical applications.

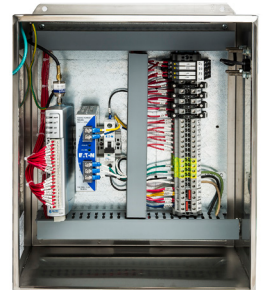
Built for indoor or outdoor use, these pre-engineered industrial-grade enclosure systems lower installation time and reduce maintenance and operational expenses.

### Features

- Rapid deployment
- Plug-and-play
- NEMA 12, NEMA 3R, NEMA 4, and NEMA 4X, for indoor or outdoor use
- Standard size options and customized sizes engineered to applications
- Aluminum, painted steel, stainless steel, or polycarbonate enclosures
- Wall-mount kit or pole-mount kit
- AC-powered (power supply included), with solar-powered, UPS, and backup battery options
- Optional add-on to manage hot and cold environments



**NEMA 4X Stainless Steel**  
Enclosure for outdoor use



**Integrated System**  
Ready for quick deployment

**EATON**

Powering Business Worldwide

## PRODUCT BENEFITS

Fully integrated	Integrated with Eaton wireless solutions' products (sold separately), including wireless radios, surge protectors, antennas, and Ethernet switches
Customizable	Customer-supplied components can be added to the overall package
Field-ready	Fully wired, ready for power and I/O connections in the field
Fast, easy installation	Pre-engineered and factory pre-configured for plug-n-play and fast deployment  Built-in DIN rails and terminal blocks for easy access and quick connection
Safe and secure	Built-in electrical protections (fuses and breakers) for essential equipment

## Applications

- SCADA telemetry network
- Offshore and long-distance connectivity
- Remote well head monitoring
- Pump station monitoring and control
- Pipeline leak detection
- Utilities
- Water treatment facilities
- Mining operations infrastructure
- Tank farm monitoring



### Wall-mount Option

Pole-mount option also available

## Usage, Type, and Material Chart

Use*	Type	Polycarbonate	Aluminum	Painted Steel	Stainless Steel
Indoor	NEMA 12	Yes	Yes	Yes	Yes
Outdoor	NEMA 3R	No	Yes	Yes	Yes
Outdoor	NEMA 4	Yes	Yes	Yes	Yes
Outdoor	NEMA 4X	Yes	Yes	No	Yes

\*Solar-powered option available for outdoor use (call for details)



### Solar-Powered System

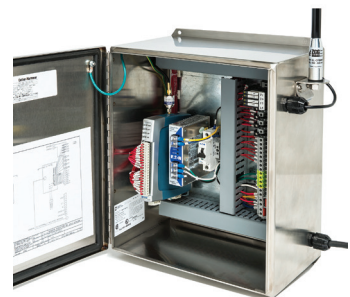
For remote locations with no power feed

## Standard Size Chart

Height	Width	Depth	Eaton Wireless Components (ordered separately)	Power Supply	Relays and Fuses
12"	12"	8"	One radio (1.38" W)	Eaton PSG120E 5A output @ 24 Vdc	2DI
16"	14"	8"	One radio (1.38" W)	Eaton PSG120E 5A output @ 24 Vdc	4/4
20"	16"	8"	One radio (4.5" W)	Eaton PSG120E 5A output @ 24 Vdc	8/8
24"	16"	8"	One radio (1.38" W), plus One I/O expansion module (1.38" W)	Eaton PSG240E 10A output @ 24 Vdc	12/12
30"	16"	8"	One radio (4.5" W), plus One I/O expansion module (1.38" W)	Eaton PSG240E 10A output @ 24 Vdc	12/12
30"	16"	8"	One radio (4.5" W)	Eaton PSG240E 10A output @ 24 Vdc	1/1

## Ordering

To order or receive a price quote, complete a Configuration Order Form. For more product and ordering information, visit [www.eaton.com/wireless](http://www.eaton.com/wireless) or contact [elpro-sales@eaton.com](mailto:elpro-sales@eaton.com). All orders are verified and acknowledged before they are accepted.



### Compact Layout

Pre-wired and pre-configured

**Eaton**  
1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
Eaton.com

© 2015 Eaton  
All Rights Reserved  
Printed in USA  
March 2015

Eaton is a registered trademark.

All other trademarks are property of their respective owners.