

# Nexus<sup>®</sup> 1450

Cyber Secure Power Quality Meter in Enclosure



**NEMA 4**  
Enclosure

- For Retrofit Meter Solutions
- Extends Switchgear Capability
- Pre-wired and Configured
- Eliminates Wiring and Installation Errors

EIG's Nexus<sup>®</sup> 1450 meter in enclosure lets you expand your switchgear capability without expensive and time-consuming redesign. Simply mount and wire the enclosure next to your switchgear and you are ready to go, with no downtime at all! This is a perfect solution for a retrofit when there is no metering compartment available.

The meter comes standard with an indoor/outdoor NEMA 4 enclosure that is factory wired with the meter installed. A P70N color touchscreen display is also mounted inside the enclosure. Standard equipment includes finger safe voltage fuses, a shorting block for current inputs, and a control power transformer if used with 277/480 V power systems.

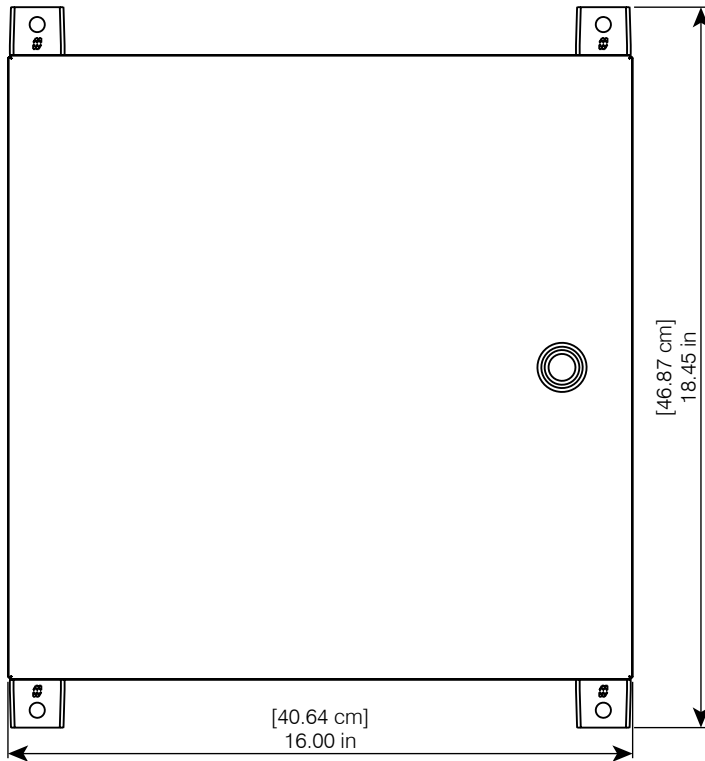
The enclosure is offered in four voltage configurations:

- 120 - (120-240) V AC line powered enclosure.
- 277 - 277/480 V AC line powered enclosure.\*
- EXT24 - (18-60) V DC external powered enclosure.
- EXT120 (120-240) V AC/DC external powered enclosure.

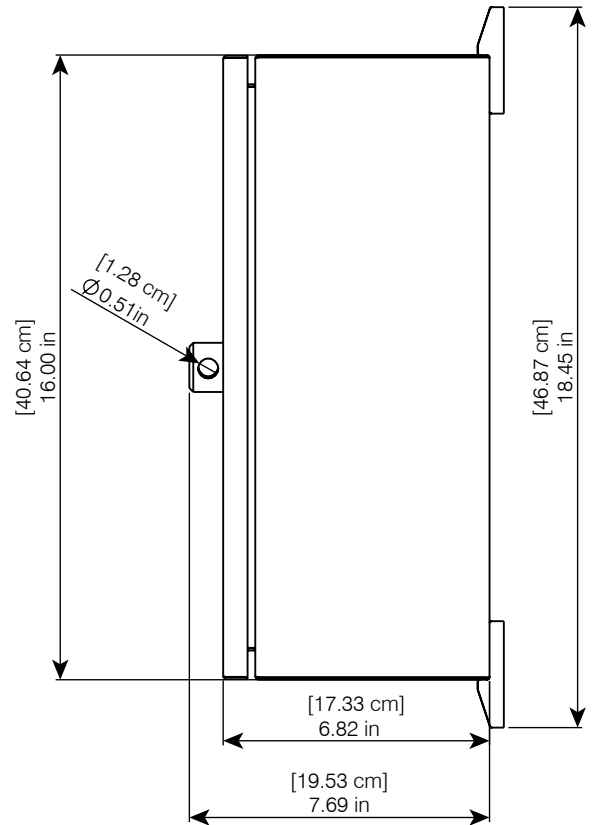
\* Comes equipped with a control power transformer.

# Dimensional Drawings

**NOTE:** See the *Nexus® 1450 Meter in Enclosure User Manual* for wiring diagrams.



**ENCNX1450 Front Dimensions**



**ENCNX1450 Side Dimensions**

**Ordering Information - All fields must be filled in to create a valid part number.**

	Model	Power System	Power Supply	Frequency Range	Virtual Switch
Option Numbers:	-	-	-	-	-
Example:	<b>ENCNX1450</b>	<b>277</b>	<b>D2</b>	<b>50</b>	<b>V2</b>
	<b>ENCNX1450</b> Nexus® 1450 Meter in NEMA 4 Enclosure	<b>120</b> (120-240) V AC Line Powered  <b>277</b> 277/480 V AC Line Powered  <b>EXT24*</b> (18-60) V DC External Powered  <b>EXT120</b> (120-240) V AC/DC External Powered	<b>D2</b> Universal (90 to 265) V AC @ 60 Hz or (100 to 370) V DC  <b>D*</b> (18-60) V DC	<b>50</b> 50 Hz System  <b>60</b> 60 Hz System	<b>V1</b> Standard Nexus® 1450 Meter 512 MB Memory, 512 s/c  <b>V2</b> V1 with 1200 MB Memory, 1024 s/c

\* These two options must be ordered together.

