



## Byram Laboratories' Multi-Meter Unit

The new Multi-Meter Unit from Byram Labs is the newest solution for metering up to nine individual circuit branches or residential apartments. The unit has been designed to work seamlessly with the Elster EnergyAxis® platform, utilizing the proven technology of the REX2 to integrate with your AMI deployment.

### Over the Air Upgrades

Using proven code management architecture, REX2 technology allows remote upgrade of meter and communications firmware while ensuring that endpoint network functionality remains intact without loss of metering data. Remote upgradability of the entire firmware image protects your investment and allows you to meet future requirements of the smart grid without concern of technology obsolescence. In addition to remote firmware upgradability, the meter also supports remote reconfiguration of many metering parameters.

### Key Features

- Up to nine single phase meters in a single unit. (Forms 1S, 2S, or 12S)
- Proven 2-way communications using EnergyAxis 900 MHz FHSS RF technology, providing the ideal combination of speed, penetration, and RF power
- Pulse Output capabilities for use with third party transmitters
- On request energy, demand, status and instrumentation data read support
- 2 Configurable metered quantities supporting bidirectional metering, ideal for net metering and co-generation applications
- 2 Channel interval data collection with EOI energy snapshot for improved data validation.
- 902 to 928 MHz (unlicensed FHSS)
- 15 minute Load profiling
- UL Type 1, 4, 4X, 12 and 13
- Configurable for 120VAC, 208VAC, and 240VAC
- High accuracy for branch circuit monitoring
- Lockable clear cover
- Advanced energy theft and meter tampering detection technology.
- Advanced security with full 128-bit AES encryption.
- Fuse Protection integrated to terminal block
- Rugged IP-65 outdoor-rated enclosure

## Proven Technology

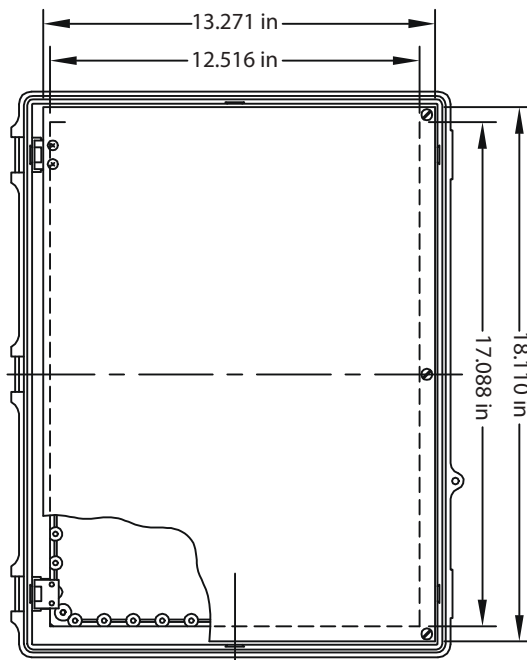
REX2-EA meters bring to the REX meter family many enhancements designed to support emerging needs of smart grid initiatives. REX2 meters include enhanced memory, greater security, remote upgradability, and additional capabilities to support smart grid needs such as outage and voltage monitoring. Developed with technology and communications flexibility in mind, the REX2 platform is both a smart metering endpoint and gateway into the home, supporting both 900MHz and 2.4 GHz ZigBee communications. It also provides an open architecture framework for third party technology innovation supporting the Advanced Grid Infrastructure Initiative.

### Specifications

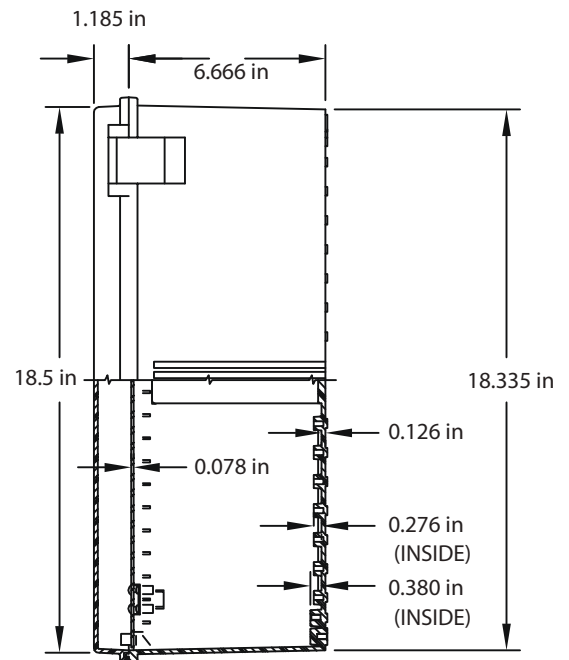
#### Byram Multi-Meter Unit

Configurations	120 VAC, 208 VAC, and 240 VAC
Communication Range	902 MHz to 928 MHz
Meter Slots	9
Enclosure	Rugged IP-65 outdoor-rated
Material	General purpose ABS plastic
UL Type	1, 4, 4X, 12 and 13
Security	Full 128-bit AES encryption
Length x Width x Depth	18.5 in x 13.8 in x 7.9 in
Shipping Weight	30 lbs

DOOR PANEL TOP VIEW



SIDE VIEW OF ASSEMBLY



Information contained herein is subject to change without notice. Product specifications may change. Contact your Byram representative for the most current product information. Printed in the United States.

REX2 and EnergyAxis are trademarks and/or registered trademarks of Elster. Used by permission. Other products may be trademarks and/or registered trademarks of their respective owners.