

ENERGY TRACKING



Figure 1: The WEM-MX Advanced Smart Grid Energy Meter in the Energy Tracking Meter Enclosure.

Integrated Meter Enclosure

The WEM-MX Advanced Smart Grid Energy Meter is designed to integrate with the Energy Tracking Meter Enclosure. This is a NEMA-rated electrical enclosure that provides see-through visibility to the WEM-MX LCD display panel.

The Integrated Meter Enclosure was specifically designed to speed and simplify on-site installation. The electrical contractor can wire the meter into the enclosure, connect external CTs, connect to an Ethernet network, and test the complete functionality of the meter on a test bench before ever bringing the enclosure to the job site.

Once on-site, the electrician only has to connect power to the DIN-rail mounted circuit breaker block in the enclosure. This significantly reduces time on the job site, and the time required for a power outage.



Figure 2: Note the separation between the breaker block and the Ethernet port on the meter.

Safety by Design

In many installations the meter may be wired by an electrician, but network cabling will be done by a low-voltage contractor, or by in-house networking staff. As with any high-voltage electrical enclosure, power to the Energy Tracking Meter Enclosure should be disconnected before opening. But—once open, the entire meter swings out and away from the high-voltage connections made at the terminal block. Low-voltage technicians, or in-house networking staff, can handle the Ethernet connection to the meter without using any tools, *with just one hand*, never putting either hand inside the box.

For more information:

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