



Sentry 250 with meter socket

The Sentry 250 is a Power Over Ethernet / Battery back up for gateways and other devices requiring power from the Ethernet port. It was specifically designed to work with Electric, Water and Gas AMI systems.

**The Sentry 250 is available with or without a meter socket.** Inserting a meter provides an indication to the head end system that power has been lost. A 6 amp circuit breaker is included for safety.

A 55 Amp hour battery will provide up to 24 hours of back up depending on the application and the amount of power the end device is using.

The Sentry 250 can be powered from either 120 or 240 volts AC. It can provide up to 36 watts to the end device and is a POE ++. If more power is required, a 55 watt POE++ can be installed for an additional charge.

The power supply is capable of providing 100 watts for power the POE and battery charger. Upon power failure the power supply will switch from line power to battery back up and the communications module in the meter will notify the head end system.

Any AMI systems meter will function with the Sentry 250. The main reason for using a meter is to let the head end know that a power outage has occurred at the gateway site.



## Specifications:

Input Power	90 - 264 Volts
Battery	12 Volts 55 Amp hour
Battery Charger Output	13.6 Volts 2.5 Amps
POE ++ Output	36 Watts @ 48 Volts
Enclosure	Powder coated Aluminum Nema 3R
Meter Socket	Round 125 Amp