

Sentry 250 POE



Inside View

The Sentry 250 is a Power over Ethernet (POE) / Battery Back Up for LoRa gateways and other devices using POE for power. It was specifically designed to operate with Vision’s LoRa System with Tektelic Gateways but can operate other devices with the same power requirements.

The unit has a 55 Ampere hour battery and will provide up to 24 hours of back up for the gateway. The power supply can handle 120—240 volts with a 2 amp supply and 13.8 Volt with 4.5 amps output for the POE and a 2.5 amp trickle charge for the battery.

Surge suppression is an integral part of the POE and eliminates the need for external surge suppressors.

The NEMA 3R enclosure is weather proof and lockable. It has two vents in the bottom and two cable connectors allowing power to be applied and ethernet cables to be brought into the enclosure. It has a 1 1/2” flange at the top and at the bottom for mounting on a pole or structure.

Specifications:

Input Power:	120 to 240 Volts
Battery:	12 Volts, 55 Ampere Hour
Battery Charger Output:	13.6 Volts, 2.5 Amps
POE ++ Output:	70+ Watts at 48 Volts
Enclosure Dimensions:	21”H X 12”W X 8-1/2”D
Enclosure Flanges:	1-1/2” X 12” on top and bottom
Enclosure Material:	Powder Coated Aluminum
Enclosure:	NEMA 3R raintight.



Bottom View