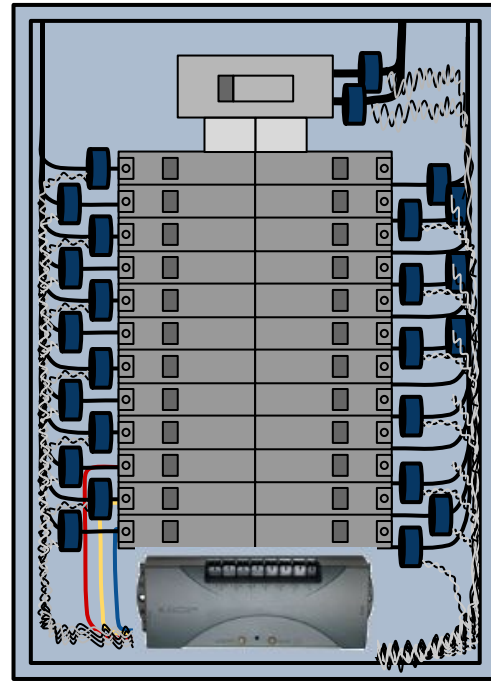


POWERWISE SYSTEMS HARDWARE DIAGRAM

SiteSage Energy Monitor, Gateway, sPod, Sensors LAYOUT 2.0



PowerWise
124 Main Street
Bucksport, ME 04416

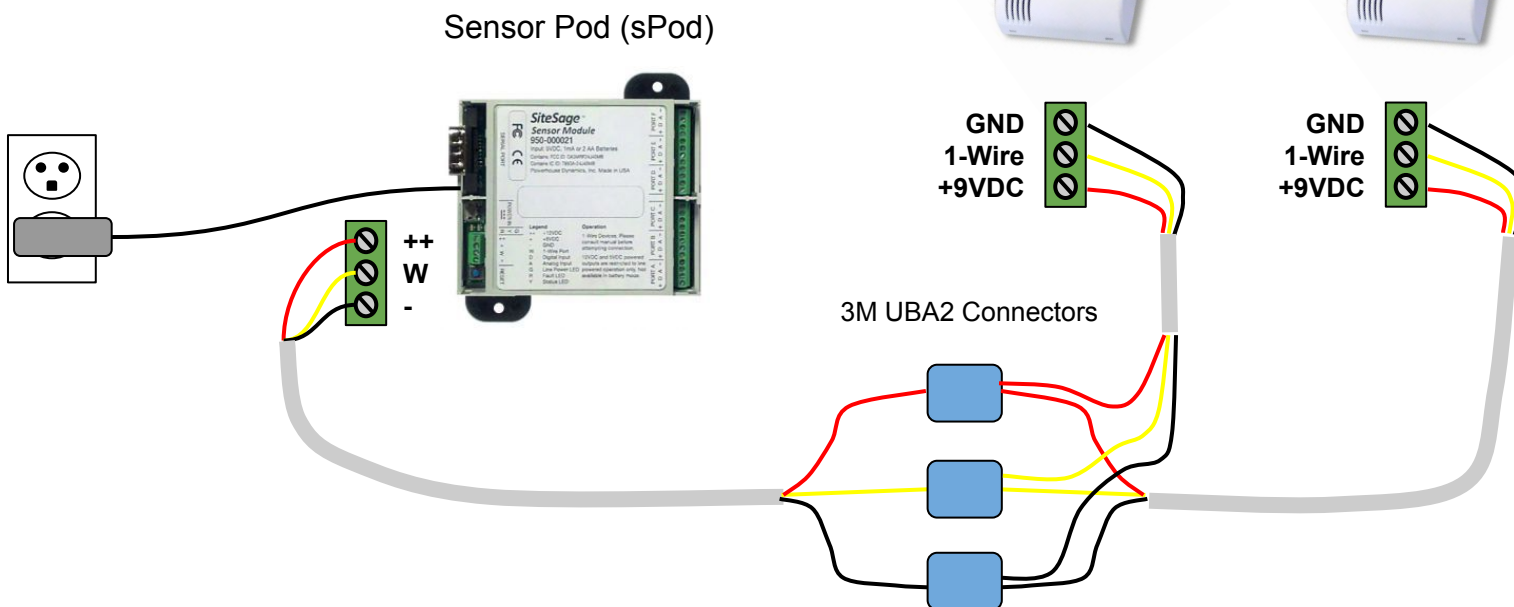


Electrical Panel with SiteSage Energy Monitor



The SiteSage Gateway includes 3.3 VDC power supply. The device can also be powered over ethernet. However, it must be a passive POE with a voltage between 37 - 57 VDC, meaning the POE voltage is always present.

VOC, CO2, RH, and Temp Sensors



Sensor Pod (sPod)

3M UBA2 Connectors

NOTES:

- I. Gateway must be within 30 feet of the SiteSage Energy Monitor and the sPod.
- II. SiteSage Energy Monitor is powered by a 15A breaker inside the panel.
- III. Gateway can also connect to a network wirelessly.
- IV. Sensor wiring trunks should be 100 feet or less.
- V. PowerWise recommends using CAT5 or better with one twisted pair for the 1-Wire signal and ground.
- VI. Maximum number of sensors is 2 per Sensor Pod.
- VII. The trunk wire should not be spliced by cutting. Best results can be achieved using insulation displacement splices like the 3M UB2A Connector. See https://www.youtube.com/watch?v=Y6hGU2W_M4
- VIII. Splices to the trunk should be 5 feet or more apart.
- IX. Do not run 1-Wire next to high-voltage wires.