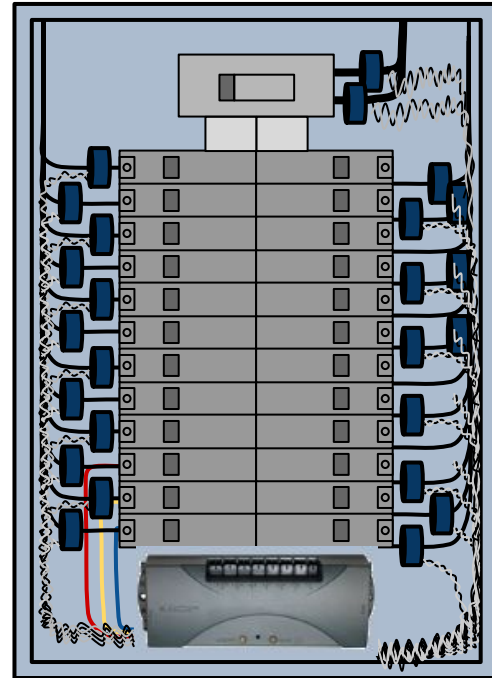


POWERWISE SYSTEMS HARDWARE DIAGRAM

SiteSage Energy Monitor, Gateway, Flow Meter, 1-Wire Temp Sensors



PowerWise Systems
124 Main Street
Bucksport, Maine 04416

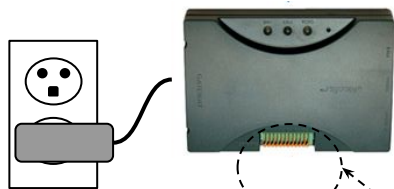


SiteSage ePod inside electrical panel - xpod not pictured

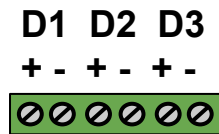
NOTES:

- I. Gateway must be within 30 feet of the SiteSage ePod and the sPod.
- II. SiteSage Energy Monitor is powered by a 15A breaker inside the panel.
- III. Sensor wiring trunks should be 100 feet or less.
- IV. PowerWise recommends using CAT5 or better with one twisted pair for the 1-Wire signal and ground.
- V. Maximum number of sensors is 5 per Gateway.
- VI. 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
- VII. Splices to the trunk should be 5 feet or more apart.
- VIII. Do not run 1-Wire next to high-voltage wires.
- IX. 3-Wire Temp Sensors - connect red and black leads together and attach to GND.

SiteSage Gateway can connect via Ethernet or Wi-Fi



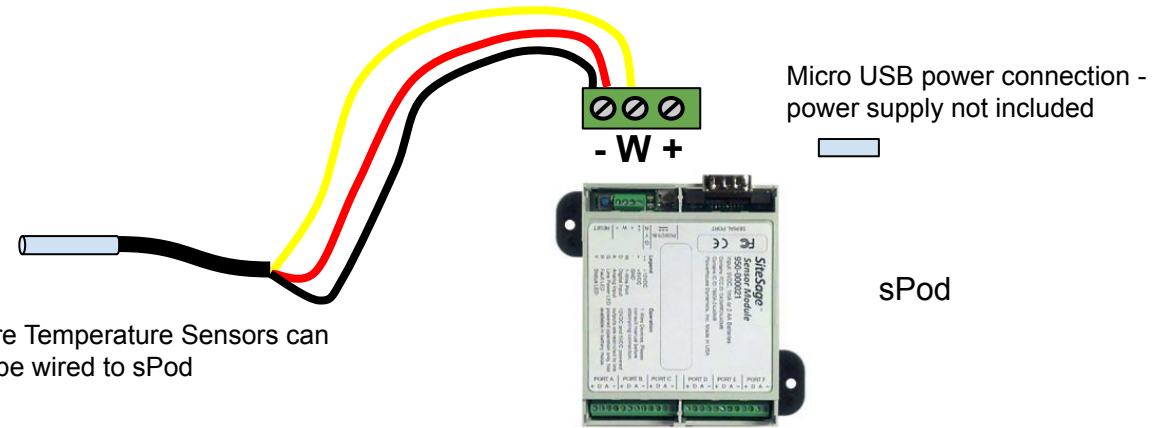
Gateway includes 5 VDC power supply. Device can also be powered over ethernet.



The three gateway ports can be configured for pulse or 1-Wire. Additional 1-Wire wiring runs can be connected to D3.

Bridge Tap Connectors

1-Wire Temperature Sensors can also be wired to sPod



Serial
+ D A -



Pulse flow meter and 1-Wire sensors can wire to gateway or sPod

