

T-WNB-3Y-208-P

WattNode 208-240 VAC 2 or 3 Branch Circuit kWh Transducer Sensor

For sub-metering, net-metering, energy management, and performance contracting applications, the WattNode 208-240 VAC 2 or 3 Branch Circuit kWh Transducer Sensor works with Magnelab AC Current Transformers and a Pulse Input Adapter or a HOBO Data Node pulse input port to provide True RMS kilowatt hours of energy used, even for loads with non-sinusoidal waveforms.



Supported Measurements

Kilowatt Hours (kWh)

Features

- Measures up to 3 separate branch circuits simultaneously, reducing complexity and cost
- Use with wide choice of current transformers (sold separately); ratings from 5 to 1500 amps
- Accurate measurement of multiple single phase or each phase of 3-phase configurations
- Easy to install and wire
- Individual pulse outputs for each circuit, compatible with pulse input logger models
- Small size: can be installed in existing service panels or junction boxes
- Diagnostic LEDs: confirms proper installation for all phases
- Line powered: no external supply required
- Detachable terminal blocks: easy to install and remove

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Onset Computer Corporation
470 MacArthur Boulevard
Bourne, MA 02532

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

WattNode 208-240 VAC 2 or 3 Branch Circuit kWh Transducer Sensor (T-WNB-3Y-208-P) Specifications

Wye configuration ranges: 120, 208, 240 Volts AC - Neutral required

1 Phase 2 Wire 120V (with neutral)

1 Phase 3 Wire 120V/240V

3 Phase 4 Wire 120V/208V

Rating: FCC Class A

Operating: voltage range: $\pm 20\%$ of nominal

Frequency: 60 Hz

CT input: 0-0.5 VAC operating, 3 VAC maximum

Accuracy: $\pm 0.45\%$ of reading + 0.05% FS through 25th harmonic (dependent on CT used and line variation accuracy could be 1.5% to 4% of reading)

Enclosure: High impact, UL rated ABS plastic

Connectors: UL, cUL recognized, detachable screw terminals (14 AWG), 600V

Operating temp range: -30 to 60°C (-22 to 140°F)

Operating humidity range: 0 to 90% RH, non-condensing

Dimensions: 8.5 cm x 14.3 cm x 3.8 cm (3.3 in. x 5.6 in. x 1.5 in.)

Weight: 295 g (10.4 oz.)

Number of data channels: 3

Note: To download the manual from Continental Control Systems LLC click [here](#).