



- **Four model types designed to fit a wide range of applications**
- **One meter to measure all your values**
- **Easy installation - software detection/ correction of wiring errors**
- **Wide backlit LCD display for easy viewing**
- **Easy to use - four keys select all parameters**
- **Use for single or three-phase applications**
- **Not for use with grounded delta applications**
- **Modbus communication option available**

Specifications

INPUT System	3-phase, 3 or 4 wire unbalanced load
Voltages	120/208, 120/240, 277/480, 63/110
Measurement range	20% to 120%
Current	5 amp from external CTs Fully Isolated
Measurement range	5% to 120%
Operating Frequency	45 to 65 Hz
Harmonics	Up to the 30th harmonic
Input Loading	
Voltage	Less than 0.1VA per phase
Current	Less than 0.1VA per phase
Overload	
Voltage	x2 for 2 seconds max.
Current	x40 for .5 second max.
Auxiliary Supply	
Standard	115V±15% 45-65Hz
Optional	230V±15% 45-65Hz
Display	Custom backlit supertwist LCD 3 lines of .47" (12mm) digits plus .15" (3.8mm) legends
General	
Update Rate	Once/Second

ENVIRONMENTAL

Temperature	14°F to 149°F (-10°C to 65°C) operating
Humidity	<75% RH non-condensing
Programming	
CT Primary	5amp to 6500 amp
VT Primary	60v to 50,000v
Pulse Outputs	2
Function	
Output No. 1	Wh (G200, G300 & G400 only)
Output No. 2	Total varh (G300 & G400 only)
Pulse Length	100ms to 20 seconds
Isolation	2.2KV (50V Output No. 1 to Output No. 2)
Scaling	Settable 1, 10 or 100 pulse output rate

ACCURACY

Parameter	Spec Range	Spec
Phase Current	5% to 120% Ib	±0.2% Ib (1% Rdg) ±1 Digit
Neutral Current	5% to 120% Ib	±0.6% Ib (2% Rdg) ±1 Digit
Phase Voltage	20% to 120% Vb	±0.2% Vb (1% Rdg) ±1 Digit
Voltage LL	20% to 120% Vb	±0.3% Vb (1% Rdg) ±1 Digit
Phase Watts	5% to 120% FS	±0.4% FS (1% Rdg) ±1 Digit
Phase VA	5% to 120% FS	±0.6% FS (1.5% Rdg) ±1 Digit
Phase var	5% to 120% FS	±0.8% FS (2% Rdg) ±1 Digit
Phase PF		±0.2 Degrees
System Watts	5% to 120% FS	±0.6% FS (1% Rdg) ±1 Digit
System VA	5% to 120% FS	±1% FS (1.5% Rdg) ±1 Digit
System var	5% to 120% FS	±1.5% FS (2% Rdg) ±1 Digit
System PF		±0.2 Degrees
Frequency	45Hz to 65Hz	±.05 Hz
% THD Amps	5% to 120% Ib	±0.5 Hz
% THD Volts	20% to 120% Vb	±0.5 Hz

Note: *Rdg = Reading

MECHANICAL

Bezel	3.79" x 3.79" (w/ .29" lip)
Depth	3.35"
Panel Cutout	3.62" x 3.62"
Weight	14 oz.