

EAGLE 120

INPUTS	AC Voltage	60 to 140 VAC RMS Continuous, 0 to 240 VAC Peak, Neutral-Ground 0-75 VAC RMS
	AC Current	0 to 80 amps RMS (15 amps continuous)
	Sample Rate	256 samples/cycle/channel
CHANNELS	Voltage	2 channels
	Current	1 channel
MEASURED QUANTITIES PER CYCLE	RMS Voltage	Volts
	RMS Current	Amps
	Real Power	Watts
	Apparent Power	VA
	Reactive Power	VARs
	Phase Angle	Degrees
	Power Factor	Watts/VA
	Displacement PF	cos (phase angle)
	Power Usage	kWh, kVARh, kVAh
	COMMUNICATIONS	Type
INFORMATION STORAGE	Interval Graphs	1.2 MB (Standard) 6.9 MB (with memory option)
	Significant Change	1000 records
	Flicker	1000 records
	Waveform Capture	256 KB (standard) 1.7 MB (with memory option)
RECORD SETTINGS	Interval Graphs	1 cycle to 4 hour interval. User selected, stop-when-full, or wrap around memory modes
	Significant Change	1V to 8V in 1V steps
	Flicker	User-defined, or conform to IEEE1453/ IEC61000-4-15, and IEEE Std. 141
	Waveform Capture	Voltage and current threshold, periodic capture
ENVIRONMENTAL	Operating Temp	-20°F to +135° F
	Shock	60 Hz to 2 KHz, acceleration 25G
	Vibration	10Hz to 60Hz, amplitude 1.8mm
ACCURACY	Voltage	0.33% of full scale
	Current	1.0% of full scale
	Power	1.0% of full scale
	Phase Angle	1.0°
	Power Factor	±0.02
	Displacement PF	±0.02
PHYSICAL DIMENSIONS	Size	4.9" L x 2.7" W x 1.25" H
	Weight	0.5 lbs
HARMONICS	Voltage	to the 51st
	Current	to the 51st
	Measures	magnitude, phase, THD

