

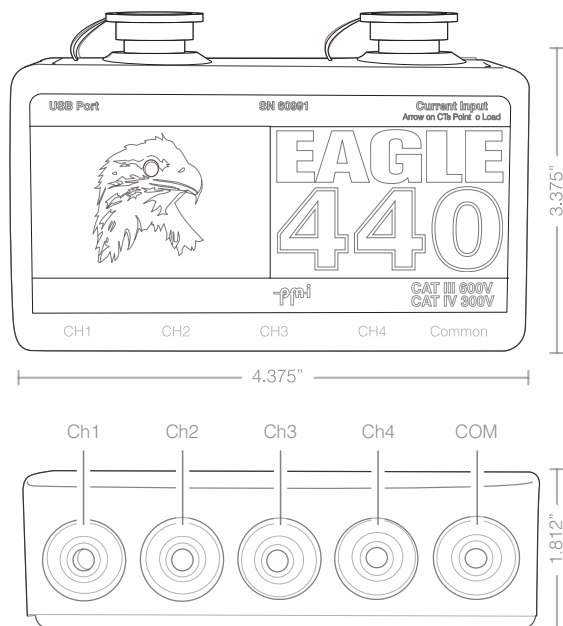


EAGLE 220, 330, 440® 2, 3, & 4 CHANNEL WIRELESS PQ RECORDERS

FEATURES

The Eagle series of recorders is the smallest full function power quality recorder available today.

- 2,3, and 4 channels of AC voltage from 0-600 VAC
- 2,3, and 4 channels of 0-5000 amps current with probes
- 15,360 samples/second/channel; 256 samples per cycle sampling rate
- Voltage and current harmonics to the 51st
- Records all power functions
- Waveform Capture
- Physical dimensions 4.375" x 3.375" x 1.812"
- Bluetooth® wireless communications
- Up to 6.9 MB memory
- IEC 61010, 600 V CAT III safety rating
- UL listed



INPUTS	AC Voltage	0 to 600 VAC
	AC Current	0 to 5000 Amps with CT probes
	Sample Rate	15,360 samples per second/channel; 256 samples per cycle

CHANNELS	Voltage	2, 3, or 4 channels
	Current	2, 3, or 4 channels

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

ACCURACY	Voltage	±0.33% of full scale
	Current	±1.0% of full scale w/o probe
	Power	±1.0% of full scale w/o probe
	Phase Angle	±1.0° w/o probe
	Power Factor	±0.02 w/o probe
	Displacement PF	±0.02 w/o probe

SAFETY	Pollution Degree 2	600V CAT III
	UL Listed	UL/IEC 61010

HARMONICS	Voltage	to the 51st
	Current	to the 51st
	Measures	magnitude, phase, THD

COMMUNICATIONS	Bluetooth® Wireless, USB
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INFORMATION STORAGE	Interval Graph	6.9 MB
	Significant Change	1000 records
	Flicker	1000 records
	Waveform Capture	3.75 MB



EAGLE 220, 330, 440®

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 IEEE 1453/IEC 61000-4-15, and IEEE Std. 141
	Waveform Capture	Voltage and current threshold, periodic capture

POWER SUPPLY REQUIREMENTS:	Voltage	60-600VAC Channel 1 to Common (47-63Hz)
	Power Consumption	1.5 Watts max, 9VA max at 600VAC
ENVIRONMENTAL	Operating Temp	-22°F to +131° F
	Humidity	Less than or equal to 85%
	Shock	60 Hz to 2 KHz, acceleration 25G
	Vibration	10 Hz to 60 Hz, amplitude 1.8mm
	Max Altitude	2.0 km (6560 ft), derated above 2.0 km

PHYSICAL DIMENSIONS	Size	4.375"L x 3.375"W x 1.812"H
	Weight	less than 1 lb
	Case	NEMA 4X

POWER FAIL OPERATION	Specifications	These recorders can operate without any input voltage for up to 2 hours. This allows it to record down to 0 volts on all channels during power outages.
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EAGLE 440 PQ KIT

- Eagle 440
- Flex 4/12 (set of four twelve inch Flex CTs)
- Flex 4/24 (set of four twenty-four inch Flex CTs)
- TLAR 4 (set of four 20/200A TLARs)
- Loaded Eagle 120 receptacle power quality recorder



EAGLE 200 METER KIT

The Eagle 200 meter kit is the perfect solution to monitoring power quality at the meter base. The Eagle 200 is sized to allow monitoring in large capacity 400 Amp single-phase meter bases.

- 2 channels AC voltage, 0-300 VAC
- 2 channels of current, 0-1000 amps
- Voltage and current harmonics to the 51st
- Physical dimension 5 3/8" x 3 1/8" x 1 1/2"

The Eagle 200 meter kit includes:

- Eagle 200 two channel power quality recorder
- FCT 2/12 (set of two twelve inch Flex CTs)
- Soft-sided nylon carrying case.