

IVS-3 Rev. 2

Communications

Type: Serial Cable

Remote: Optional 14.4 kbps MNP-10 Modem

Mechanical Specifications

Dimensions: 6.5 in. X 6.5 in. X 4.25 in.

Weight: 5.0 lbs

Case: NEMA 4X

Capacity

Summary Data: Over 1 year

Event Data: 500 records

Significant Change Data: 1000 records

Flicker Data: 1000 records


Electrical Specifications

Inputs:

 **AC Voltage:** 0 to 300 VAC

 **AC Current:** 0 to 10, 100, 1000, 5000 amps

 **Sample Rate:** 256 samples/cycle/channel

 **Voltage:** 3 channels

Current: 3 channels

Local Output:

Type: Wide Temperature Range LCD

Size: 4 by 20 character

Interface: Menu Driven

PDA: Palm™ platform (optional)



Measures: Volts, Amps



Accuracy:

Voltage: 0.33% of full scale

Current: 1.0% of full scale

Display Resolution:

Voltage: 1.0V/0.5V

Current: 1.0A/0.1A

Controls:

Stripchart Settings: 1 second to 4 hrs

Significant Change: 1V to 8V, in 1V steps

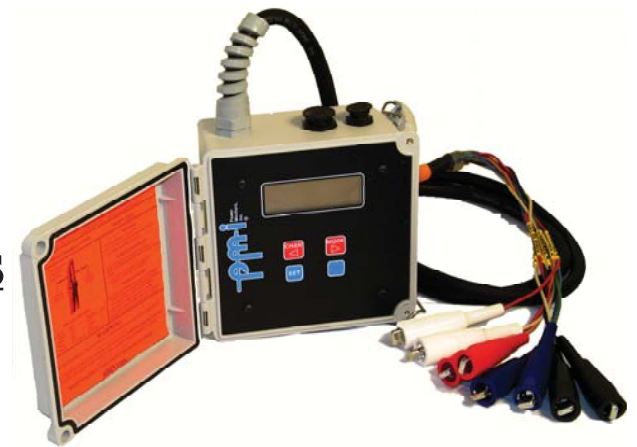
Battery Voltage Check: Automatic

Keypad: 4 key membrane


Harmonics:

Voltage/Current: measures to the 51st

Measures: magnitude, phase, THD



Environmental

 **Operating Temperature:** -20 to 135 degrees F

Vibration: 10 Hz to 60 Hz, Amplitude 1.8 mm

Battery Ride Through

The device operates with no input voltage for more than 1/2 hour. This allows it to measure down to 0 volts on all channels during power outage periods.



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