

iVS-3S

3 Phase Socket Scanner

Special Features

Battery Ride Through: The device operates with no input voltage for up to 30 minutes, allowing the device to measure down to 0 volts during power outage periods.

Memory: 512K RAM (battery backed)
2 MB Flash

Communications

Local: RS232 port

Data Range: 4,800 to 28,800 baud

Mechanical Specifications

Dimensions: 4 5/8 in. X 6 3/4 in.

Weight: 3.6 lbs

Electrical Specifications

Inputs:

AC Voltage: 0 to 600 VAC

AC Current: 200 amps RMS (forms 12S, 14S, 15S, 16S, 17S)
25 amps (forms 6S, 8S, 9S)

Sample Rate: 7,680 per channel/second

Voltage: 2 Channels

Current: 2 Channels

Measures: Voltage, Current, Power Factor, Displacement Power Factor, Power, Reactive Power, Volt-Amps, Phase Angle, Harmonics to the 31st, Flicker.

Accuracy:

Voltage: 0.33% of full scale

Current: 1.0% of full scale

Power: 1.0 Watt

Phase Angle: 1 degree

Power Factor: ± 0.02

Displacement Power Factor: ± 0.02



Controls

Stripchart settings: 1 second to 4 hours

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

Flicker Settings: User-defined or default to conform to IEEE Standard 141

Battery Voltage Check: Automatic

Environmental

Operating Temperature: -20 to 135 degrees F

Shock: 60Hz to 2kHz, Acceleration 25G

Vibration: 10Hz to 60Hz, Amplitude 1.8mm



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