Event Key:

SAG = Voltage Sag MIN1 = Sag description, Minor 1 MIN2 = Sag description, Minor 2 SWL = Voltage Swell IMP = Voltage Impulse MIN3 = Sag description, Minor 3 THD = Total Harmonic Distortion of MAJ1 = Sag description, Major 1 Voltage MAJ1 = Sag description, Major 2 MAJ3 = Sag description, Major 3

RUN = Start time of recording period

SWL1 = Swell description, Swell 1 LOSS = Voltage Interruption SWL2 = Swell description, Swell 2 SWL3 = Swell description, Swell 3

Events Beyond Threshold are logged:

Equipment Problems Percent of Nominal Voltage (Magnitude) User Programmed nominal voltage 100 to 240 VAC 1 2000

Using the default thresholds a voltage sag of 68V for 2.5 cycles is logged as follows:

How Long Event Lasts (Duration)



SAG SWL IMP THD

06-01 05:14 MAJ1 06-01 05:13 MAJ1

Press Enter to display

Sag Event Log.

Press right arrow to display Event Detail

06-01 05:13 MAJ2 06-01 05:13 MAJ3

70V 2 Cycles 68V 2.5 Cycles 05:14:03 06-01-06

IDEAL INDUSTRIES, INC.

Sycamore, IL 60178, U.S.A. 800-435-0705 Customer Assistance www.idealindustries.com

E 441

ND 5791-2 Made in U.S.A.



#61-830



Voltage Performance Monitor Model #61-830 Quick Reference

Monitor Screen: Display while monitoring

Event Review: Review voltage events by category Review voltage events chronologically Log Review:

Set up: Change set-up options

Set Up:





















205 Westwood Ave Long Branch, NJ 07740 1-877-742-TEST (8378) Fax: (732) 222-7088 salesteam@Tequipment.NET





Screen displayed when unit detects AC Voltage

Event Review Screen:

[44] SETUP [@ 95%]

on without power.

SAG SWL IMP THD 129V 60.0Hz 3% 08:39 06-22-2006

Screen displayed when unit is monitoring voltage

Total logged events (includes Runs

Automatically displayed when unit is unplugged or turned

← and Losses)

← Battery Life Remaining

Count of Voltage Events

· Real Time Voltage, Frequency and %THD

LOG Review:

Event Review





Log Review





Chronological Log

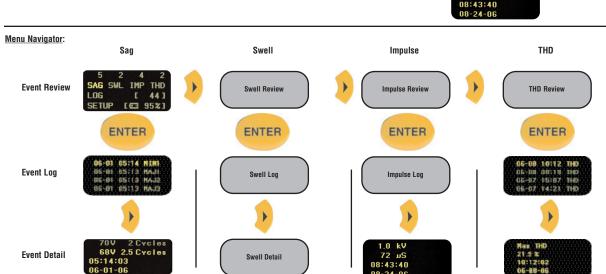




Event Detail

08-24-06







205 Westwood Ave Long Branch, NJ 07740 1-877-742-TEST (8378) Fax: (732) 222-7088 salesteam@Tequipment.NET