

1.4 EQUIPMENT CHARACTERISTICS

The 6006 is configured as a plug-in module 6.5" high by 1.25" wide by 10" deep. It is designed for installation in any of the five slots of the Series 626 Universal Disturbance Analyzer. Technical specifications of the 6006 are listed in Table 1-1.

Table 1-1. 626-PA-6006 Technical Specifications

Input	2-wire differential Z = 40 Megohms plus 10 pf (each side to ground)
Voltage Range	2-50V rms, 45-65 Hz
User-set Upper Limit Voltage	3-30V rms
Voltage Change Sensitivity (1V increments)	1-9 Volts
Line Voltage Measurement Accuracy	+/-1% of reading, +/-0.2% of F.S. at calibration frequency of 50 or 60 Hz. Additional +/-1% at frequency extremes
Impulse Ranges (Determined by Impulse Threshold Selection)	25-1000V for 25 to 100V thresholds 101-2000V for 101 to 200V thresholds 201-4000V for 201 to 4000V thresholds
Impulse Duration Range	2 mSec to 1 uSec for amplitude information only.
Impulse Threshold	25-4000V in 1 volt increments.
Impulse Amplitude Accuracy	+/-5% of reading +/-1% F.S. for half-sinewave impulses 10 uSec in duration regardless of polarity. Error increases to +/-10% of reading, +/-1% F.S. at 5 uSec and 50 uSec pulse durations, and is typically -6dB at 2 mSec and 1 uSec pulse durations.