



Advanced Test Equipment Rentals
www.atecorp.com 800-404-ATEC (2832)

WARNING

Because of possible shock or fire hazards, connection of this instrument should be performed in compliance with the National Electric Code (ANSI C1) or any other requirements applicable to your installation. Installing, operating, and maintaining this instrument should be performed only by qualified personnel.

TM-112100U

VOLUME 1 - OPERATOR'S MANUAL

SERIES 626 UNIVERSAL DISTURBANCE ANALYZER

MODEL 626A

June 1, 1986

Change 2 - March 1, 1988

See opposite side relative to proprietary rights.

NOTE: Refer to Volume 2 (Service Manual) of TM-112100U for maintenance information.

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1.5 SPECIFICATION SUMMARY

Table 1-4 summarizes the specifications of the Model 626A Mainframe.

Table 1-4. Mainframe Specifications

Plug-in Module Capacity:	One through five.
Time Clock:	Crystal-controlled, ± 25 PPM, keyboard entry. Accurate to approximately 2 seconds per day.
Alarm Circuits: (Activated by a Printable Disturbance)	1) Audible alarm, 1-second self-clearing, keyboard selectable. 2) Alarm contact closure.
Environmental Specs:	
Operating:	10° to 40°C (50° to 104°F)
Storage:	-20° to 55°C (-4° to 131°F)
Humidity:	10% to 90% (non-condensing)
Power Requirements:	90 to 130V rms (for 115V operation) or 180 to 250V rms (for 230V operation), both at 47 to 450 Hz, 50W nominal, +12V dc @ 3A nominal.
UPS Capacity:	10 to 40 minute operation on internal battery pack. Six to ten hours to recharge.
Size:	7" high by 11" wide by 14" deep. (approximately 18 by 30 by 36 cm)
Weight (Fully Loaded):	Up to 22-1/2 pounds. (approximately 10 kg)
Data Output:	Built-in thermal printer. RS-232C Interface with control capability.

1.5.1 Features

- Factory preset program.
- Time-Mark: Includes optically coupled time-mark circuit which causes the Model 626A to print a time-mark whenever the externally supplied dc voltage appears at the rear panel options connector. The time-mark is useful in providing time correlation with an external event. (Time-mark specifications are listed in Table 1-5.)

Table J-5. Time-Mark Specifications

Input Voltage:	5 to 12V dc.
Input Circuit:	4 mA @ 5V typical, 24 mA @ 12V typical.
Timing of Applied Voltage:	Operates on Leading Edge.
Pulse Width:	100 uSec Minimum.
Pulse Rate:	100 per Second.
Off Period:	500 uSec Minimum.

1.6 STANDARD ACCESSORIES

<u>Part #</u>	<u>Quantity</u>	<u>Description</u>															
TM-112100U Vol. 1	1	Model 626A Operator's Manual															
107506	1	Mating Connector for 12V Battery															
104943	1	AC Line Cord (For customers requesting 115V line cord)															
(or)																	
110726		AC Line Cord (For customers requesting 230V line cord)															
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103418	1 Set	Cleaning Paper															

NOTE

Option 101 for the Model 626A, the multiple printout modes option, is a standard accessory of every Model 626A Mainframe.