

BENCH TOP POWER SUPPLY (40VDC)



TAMCN: A7706

ID: 10244B

NSN: 6130-01-531-9927

Functional Description

The PP-8436/P (XHR-40-25CE) bench top power supply provides 1000 watts of DC power from worldwide power. It has front panel binding post connectors, rear panel bus bar outputs, and a low current requirement that allows it to be plugged into a standard 120VAC, 15A circuits.

Technical Description

Power Supply

Manufacturer: Xantrex
Model: XHR-40-25CE

Power

Input: 85-250 VAC

Output: 0-40 VDC @ 0-25 Amp

Frequency (Hz): 47-63

Dimensions

Length (in): 18.6
Width (in): 8.5
Height (in): 3.4
Weight (lbs): 14
Volume (ft³): 0.4

Temperatures

Operating: 32°F to 104°F
Storage: -40°F to +185°F

Specifications

Input Harmonic Distortion: Harmonics distortion complies with EN61000-3-2 limits.

Time Delay: 4 sec maximum from power on until output stable.

The PP-8436/P will operate from worldwide power. However, it is only fielded with a 120VAC input power cable.

NOTES: There are three (3) power supplies associated with TAMCN A7706. Xantrex model XHR-40-25M, NSN 6130-21-911-6149 is no longer being fielded. When no longer repairable the model is replaced with Xantrex model XHR-40-25CE, NSN 6130-01-531-9927 or Ametek XHR40-25M106, NSN 6130-01-593-9105.

BENCH TOP POWER SUPPLY (40VDC)



TAMCN: A7706

ID: 10244A

NSN: 6130-21-911-6149

Functional Description

The PP-8436/P (XHR-40-25M) bench top power supply provides up to 40V and 25A of variable DC output for bench and automated test equipment (ATE) applications. Universal AC input allows the use of line voltages around the world without resetting switches, or adding on options. The front panel has Light Emitting Diode (LED) indicators for voltage, current, over voltage protection (OVP) and shutdown.

Technical Description

Power Supply

Manufacturer: Xantrex
Model: XHR-40-25M

Power

Input: 85-250 VAC

Output: 0-40 VDC @ 0-25 Amp

Frequency (Hz): 47-63

Dimensions

Length (in): 18.6
Width (in): 8.5
Height (in): 3.8
Weight (lbs): 14.2
Volume (ft³): 0.4

Temperatures

Operating: +32°F to +122°F
Storage: -40°F to +185°F

NOTES: This power supply is no longer being fielded. Backorders are being filled by NSN 6130-01-531-9927.

BENCH TOP POWER SUPPLY (40VDC)



TAMCN: A7706

ID: 10244C

NSN: 6130-01-593-9105

Functional Description

The PP-8436/P (XHR40-25M106) bench top power supply provides 1000 watts of DC power from worldwide power. It has front panel binding post connectors, rear panel bus bar outputs, locking voltage and current knobs, and a low current requirement that allows it to be plugged into a standard 120VAC, 15A circuits. State-of-the-art zero voltage or "soft" switching technology virtually eliminates switching transients for high efficiency, low noise, and high reliability.

Technical Description

Power Supply

Manufacturer: Ametek
Model: XHR40-25M106

Power

Input: 85-250 VAC

Output: 0-40 VDC @ 0-25 Amp

Frequency (Hz): 47-63

Dimensions

Length (in): 18.8
Width (in): 8.5
Height (in): 3.4
Weight (lbs): 14
Volume (ft³): 0.3

Specifications

Front panel voltage and current knobs are locking.
Over Temperature Protection Shutdown, Over Voltage Protection Set,
Local Voltage and Current Limit Setting
Time Delay: 4 sec maximum from power on until output stable.

NOTES: This is a replacement for the PP-8436/P, Model Number XHR-40-25CE, NSN 6130-01-531-9927.