

## SWITCHING POWER SUPPLY VP-2124A

### FEATURES:

- 24 VOLT DC "A" BATTERY POWER SUPPLY
- 2 AMP OUTPUT
- REGULATED AND FILTERED
- FLOATING OUTPUT
- INPUT FUSE PROTECTION
- OVER-VOLTAGE PROTECTION
- WALL MOUNT PLATE INCLUDED
- AC CORD INCLUDED



### DESCRIPTION:

Wall or shelf mountable, switching 24 Vdc, filtered "A" talk battery power supply with 2 amp output and output over-voltage protection.

### SPECIFICATIONS:

#### INPUT

Voltage/Frequency	100-240 Vac 50/60 Hz
Power	55 Watts
BTU/Hr	190 BTU/Hr
Protection	Internal input fuse
Connection	IEC 320 Input + AC Cord
Indicator	Power On LED

#### OUTPUT

Voltage/Current	24Vdc Regulated $\pm$ 10% Filtered, Floating 2 Amps
Protection	Over-voltage Protection
Connections	Wire Assembly

#### REGULATORY

UL, cUL, CE,  
Meets VDE & FCC Class B

#### ENVIRONMENT

Temperature	32 - 122 °F (0 - 50 °C)
Humidity	10 - 90% Non-condensing

#### MOUNTING

Wall or Shelf  
Wall Bracket + Hardware Included

#### DIMENSIONS AND WEIGHT

6.00" (15.24 cm) H x 3.50" (8.89 cm) W  
x 2.25" (5.72 cm) D  
Weight: 2.40 lbs (1.08 kg)

#### INTERNATIONAL VERSIONS

VP-2124-E and VP-2124-UK also available

# ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

## MODEL VP-2124A

### SWITCHING POWER SUPPLY

The 24 Vdc 2 Amp Power Supply, Model VP-2124A, shall be a wall or shelf mount, regulated and filtered, "A" battery type power supply with a 2 Amp output. The unit shall be solid state and provide over voltage protection. The unit shall provide a three conductor grounded power cord with IEC-320 AC input plug and shall include an AC input cord. Output connections shall be a 2 wire pigtail. The input shall be fuse protected. The unit shall be UL and cUL listed and shall meet FCC Class B specifications.

Alternate power supplies (VP-2124A-EC and VP-2124A-UK) suitable for use in some international markets, shall also be available, and shall be CE approved and meets VDE regulations.

The power supply shall provide a floating 24 Vdc output. The chassis shall be AC grounded and a LOC GND terminal, connected to AC GND, shall be provided for output reference. Output voltage shall be -24 Vdc  $\pm 10\%$ . Output current shall be 2 Amp. Maximum ripple at rated output shall be 10 mV RMS. Input voltage shall be 100 - 240 Vac, 50/60 Hz, 55 watts maximum. The unit shall include an internal input fuse. Operating temperature shall be +32 to 122 °F (0 to 50 °C). Operating humidity shall be 10 to 90% non-condensing.

The power supply shall be housed in a black, high impact ABS plastic case. The case shall be sealed.

Maximum dimensions shall be 6.00 " (15.24 cm) H x 3.50" (8.89 cm) W x 2.25" (5.72 cm)D. Shipping Weight shall be 2.40 lbs (1.08 kg).

### Limited Warranty

Valcom, Inc. warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened.  
(A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Valcom, Inc. are prepaid,
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs  
(major repairs will be subject to additional charges for parts and labor).

**This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.**

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.