

24VDC/600mA POWER SUPPLY VP-624B

FEATURES:

24 VOLT DC "A" BATTERY POWER SUPPLY
REGULATED AND FILTERED
INPUT THERMAL FUSE PROTECTED
FLOATING OUTPUT
THROUGH GROUND CONNECTION
RECEPTACLE MOUNT
PROVIDES 12 VALCOM POWER UNITS



DESCRIPTION:

Receptacle mount, 24 Vdc 600 mA, filtered "A" Talk Battery power supply.

SPECIFICATIONS:

INPUT

Voltage/Frequency 105-120 Vac, 60 Hz
Power 36 Watts
BTU/Hr 125 BTU/Hr
Connection 3 Prong AC Plug

OUTPUT

Voltage 24 Vdc Regulated ± 3 V
Filtered, Floating
10 mV Ripple Maximum
Current 600 mA
Protection Thermal Overload Protection
Short Circuit Protection
Connections Screw Terminals

REGULATORY

UL Listed

ENVIRONMENT

Temperature 32 - 122 °F (0 - 50 °C)
Humidity 0-85% Non-condensing

MOUNTING

Receptacle

DIMENSIONS AND WEIGHT

5.50" (13.97cm) H x 3.30" (8.38cm) W
x 3.25" D (8.26 cm)
Weight: 2.00 lbs (0.90 kg)

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS
MODEL VP-624B
24 VDC/600 mA POWER SUPPLY

The 24 Vdc 600 mA Power Supply, Model VP-624B, shall be receptacle mount, regulated and filtered "A" battery type power supply. The unit shall be solid state and provide thermal fuse protection. The unit shall provide a NEMA 5-15 type plug-in housing with receptacle retaining screw. Screw terminals shall be provided for output connections. The unit shall be UL Listed.

The power supply shall provide a floating 24 Vdc output. Output screw terminals shall be labeled "+" and "-". A through AC ground connection shall be provided on a screw terminal labeled "AC GND" and shall be used for output reference.

Output voltage shall be 24 Vdc \pm 3 V. Output current shall be 600 mA at a 100% duty cycle. Maximum ripple at rated output shall be 10 mV RMS. Input voltage shall be 105 - 130 Vac, 60 Hz, 36 watts maximum. Thermal fuse in transformer primary rated at 305 °F (152 °C). Operating temperature shall be +32 to 122 °F (0 to 50 °C). Operating humidity shall be 0 to 85% 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 5.50" (13.97cm) H x 3.30" (8.38cm) W x 3.25" D (8.26 cm). Shipping weight shall be 2.00 lbs (0.90 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.