

### 24VDC/4 AMP LINEAR POWER SUPPLY VP-4024C

#### FEATURES:

- 24 VOLT DC "A" BATTERY POWER SUPPLY
- REGULATED AND FILTERED
- FLOATING OUTPUT
- TWO FUSED OUTPUTS, 2 AMPS EACH
- INPUT FUSE PROTECTION
- OUTPUT OVERVOLTAGE PROTECTION
- CURRENT LIMITING
- WALL MOUNTING PLATE INCLUDED
- PROVIDES 80 VALCOM POWER UNITS



#### DESCRIPTION:

Wall mountable, linear, 24 Vdc, filtered "A" Talk Battery power supply with two fused 2 Amp outputs.

#### SPECIFICATIONS:

##### INPUT

Voltage/Frequency 105 - 120 Vac, 60 Hz  
Power 150 Watts  
BTU/Hr 515 BTU/Hr  
Protection 2A/125 Vac Input Fuse  
Connection AC Cord

##### OUTPUT

Voltage 24 Vdc Regulated  $\pm 10\%$   
Filtered, Floating  
10 mV Ripple Maximum  
Current 4 Amp (2A per output)  
Protection Over-Voltage Protection  
Current Limiting  
Connections Wire Cage Connectors

##### REGULATORY

UL, cUL Listed

##### ENVIRONMENT

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

##### MOUNTING

Wall Mounted  
Mounting Plate Hardware Included

##### DIMENSIONS AND WEIGHT

10.70" (27.18 cm) H x 6.35" (16.13 cm) W x  
3.75" (9.53 cm) D  
Weight: 13.00 lbs (5.85kg)



## ARCHITECTS' AND ENGINEERS' SPECIFICATIONS MODEL VP-4024C 24 VDC/4 AMP LINEAR POWER SUPPLY

The 24 Vdc, 4 Amp Power Supply, Model VP-4024C, shall be wall mount, regulated and filtered, "A" battery type power supply with two 2 Amp outputs. The unit shall be solid state and provide over voltage protection and LED indication of overload. The unit shall provide a three conductor grounded power cord with NEMA 5-15P type plug for AC input connection and wire cage connectors for all output connections. The input shall be circuit breaker protected. The unit shall be UL and cUL Listed.

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  $-24\text{ Vdc} \pm 10\%$ . Output current shall be 4 Amps. Maximum ripple at rated output shall be 10 mV RMS. Output shall be current limiting and provide over-voltage protection. Input voltage shall be 105 - 120 Vac, 60 Hz, 150 watts maximum. Input fuse shall be rated at 2Amps/125 Vac. Operating temperature shall be +32 to 104 °F (0 to 40 °C). Operating humidity shall be 0 to 90% non-condensing.

The housing shall be constructed of gray painted 16 gauge steel. The wall mounting plate and mounting hardware shall be included.

Maximum dimensions shall be 10.70" (27.18 cm) H x 6.35" (16.13 cm) W x 3.75" (9.53 cm) D. Shipping weight shall be 13.00 lbs (5.85kg).

### 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.