

### 24VDC/4 AMP, 48VDC/2 AMP SWITCHING POWER SUPPLY VP-4124

#### FEATURES:

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



#### DESCRIPTION:

Wall mountable, switching, 24 Vdc, filtered "A" Talk Battery power supply with two 2 Amp outputs, each protected with auto-reset poly switches.

#### SPECIFICATIONS:

##### INPUT

Voltage/Frequency	120 Vac, 47-63 Hz
Power	110 W @ 24 Vdc 100 W @ 48 Vdc
BTU/Hr	380 BTU/Hr
Protection	1A/120 Vac Input Fuse
Connection	IEC 320 Input + AC Cord

##### OUTPUT

Voltage/Current	24 Vdc @4A (2A Per Output) 48Vdc @ 2A (Outputs Tied) Regulated, Filtered, Floating 10 mV Ripple Maximum
Protection	Two 2 Amp Output Auto-reset polyswitches
Connections	Wire Cage Connectors

##### REGULATORY

UL, cUL Listed  
FCC Class B

##### ENVIRONMENT

Temperature	32 - 104 °F (0 - 40 °C)
Humidity	10 - 90% Non-condensing

##### MOUNTING

Wall Mounted  
Mounting Plate And Hardware Included

##### DIMENSIONS AND WEIGHT

8.45 " (21.46 cm) H x 4.70" (11.94 cm) W  
x 2.35" (5.97 cm)D  
Weight: 4.7 lbs (2.12 kg)

**ARCHITECTS' AND ENGINEERS' SPECIFICATIONS**  
**MODEL VP-4124**  
**24VDC/4 AMP, 48 VDC/2 AMP SWITCHING POWER SUPPLY**

The wall or rack mountable switching power supply, model number VP-4124, shall be capable of providing 24 Vdc @ 4 Amps (2 separate 2 amp outputs) or 48 Vdc @ 2 Amps (when the two outputs are tied together). The design of this regulated power supply shall use switching technology, shall provide auto recovery short circuit protection and shall feature two (2) individual class "B" outputs each capable of providing .5 of the supply's rated current. Additionally, the supply's design shall incorporate EMI filtering, a minimum 88.5% efficiency, a 3 second power up delay, a working input frequency range of 47 to 63 Hertz and an LED status indicator. The supply shall also feature +/- 2 % voltage regulation and over voltage protection.

The supply shall be capable of operating within a temperature range of 0° to 40° C and a humidity range of 10% to 90% non-condensing.

Maximum dimensions shall be 8.45 " (21.46 cm) H x 4.70" (11.94 cm) W x 2.35" (5.97 cm) D. Shipping Weight shall be 4.7 lbs (2.12 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.