

## 48VDC/2 AMP LINEAR POWER SUPPLY VP-2048C

### FEATURES:

FOR USE WITH THE V-1038 (30 WATT HORN)

48 VOLT DC

2 AMP

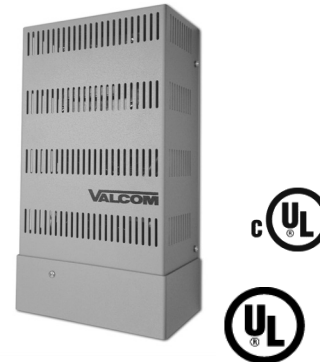
REGULATED, FILTERED

INPUT FUSE PROTECTION

OUTPUT OVERVOLTAGE PROTECTION

CURRENT LIMITING

WALL MOUNTING PLATE AND HARDWARE INCLUDED



### DESCRIPTION:

Wall mountable 2 Amp, 48 Volt dc linear power supply. For use with the V-1038 (30 Watt Horn) only.

### SPECIFICATIONS:

#### INPUT

Voltage/Frequency	105-120 Vac, 60 Hz
Power	150 Watts
BTU/Hr	515 BTU/Hr
Protection	Internal Input Fuse
Connection	IEC 320 Input + AC Cord

#### OUTPUT

Voltage	48 Vdc Regulated $\pm 3$ V Filtered, Floating
Current	2 Amps
Protection	Overvoltage Protection Current Limiting
Connections	Wire Cage Connectors

#### REGULATORY

UL, cUL Listed

#### ENVIRONMENT

Temperature	32 - 104 °F (0 - 40 °C)
Humidity	0-85% Non-condensing

#### MOUNTING

Wall Mounting  
Mounting Plate Hardware Included

#### DIMENSIONS AND WEIGHT

10.70" (27.18cm) H x 6.35" (6.13cm) W  
x 3.75" D (9.53 cm)  
Weight: 13.00 lbs (5.85 kg)

# ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

## MODEL VP-2048C

### 48 VDC/2 AMP LINEAR POWER SUPPLY

The 48 Vdc, 2 Amp Power Supply, Model VP-2048C, shall be wall mount, regulated and filtered, "A" battery type power supply. The unit shall be solid state and provide over voltage protection and LED indication of of overload. The unit shall provide a three conductor grounded power cord with IEC320 input 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 48 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 48 Vdc  $\pm 3\%$ . Output current shall be 2 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 85% 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.