

## **VP-2048C 48 VOLT DC POWER SUPPLY**

### **IDENTIFICATION**

The VP-2048C is a fully regulated 48VDC 2 Amp power supply ("A" Battery). The input is fuse protected and the output is floating with respect to ground. The regulator will maintain 48 +/- 3 Volts over the entire input voltage range. Upon power up, a load greater than 2 Amps will shut the power supply off. Short circuit protection is also provided. The VP-2048C can be used with Valcom V-1038 paging horn or any application where 48VDC filtered ("A") battery is required. The VP-2048C is CSA, UL and CE listed.

### **NOMINAL SPECIFICATIONS**

Input: 105 to 120VAC, 60Hz, 150 Watts  
Output: 48VDC +/-3V "A" Battery  
(ripple 10mV maximum) 2 Amps @ 25°C

#### **Environment**

Temperature: 0 to +50°C  
Humidity: 0 to 85% (non-precipitating)  
Dimensions: 10.70"H x 6.35"W x 3.70"D  
(27.18cm H x 16.13cm W x 9.40cm D)  
Weight: 12 lbs. (5.44 kg)

### **INSTALLATION**

The VP-2048C is designed to be wall-mounted within 4.50 feet of an AC receptacle.

- \_\_\_ 1. Using 12 AWG or larger ground wire, connect the local ground screw terminal to a cold water pipe or earth ground.
- \_\_\_ 2. Connect device requiring power to screw terminal labeled -48V, 2A and to the screw terminal labeled GND.
- \_\_\_ 3. Connect a strap between the local ground and ground output terminals when using the VP-2048C with Valcom equipment.

### **TECHNICAL ASSISTANCE**

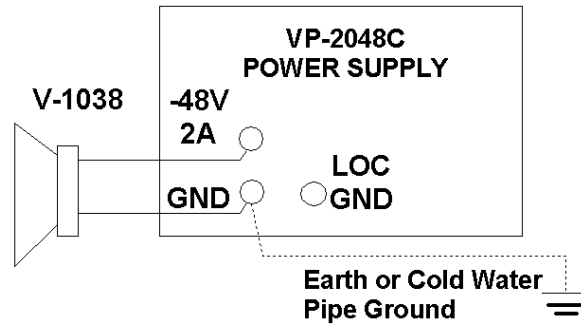


When trouble is reported, verify there are no broken connections. Troubleshooting assistance is available from the factory. Call (540) 563-2000 for Technical Support or (540) 767-1555 for Valcom 24-hour Faxback System or visit our website at <http://www.valcom.com>.

Valcom equipment is not field repairable. Valcom, Inc. maintains service facilities in Roanoke, VA. Should repairs be necessary, attach a tag to the unit clearly stating company name, address, phone number, contact person and the nature of the problem. Send the unit to:

**Valcom, Inc.  
Repair and Return Dept.  
5614 Hollins Road  
Roanoke, VA 24019-5056**

## CONNECTIONS



**Alternate Ground Method:** If using earth or cold water pipe ground, do not connect to LOC GND.

### VALCOM 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 altered in any way or 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 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.

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