

# Technical Specifications

## VP-12124 Switching Power Supply

- 24 Volt DC "A" Battery Power Supply
- Six outputs, 2 Amps each
- Regulated and filtered
- Floating output
- Input fuse protected
- Output protected
- Wall mount plate included



12 Amp/24 Volt

### Description:

The VP-12124 is a fully regulated 24 Vdc, 12 Amp switching power supply. The VP-12124 is designed to be used with all Valcom page control units and one-way amplified speakers as well as any installation that requires a 24 Vdc filtered talk battery. Built for the long haul, the VP-12124 also includes green technology for power efficiency.

## SPECIFICATIONS

### INPUT

**Voltage:** 90-260 Vac

**Frequency:** 50/60 Hz

**Full Load Line Current:** 3A @ 120 V/1.5 A @ 240 V

**Power:** 360 Watts

**Protection:** 6.3A/120 VAC Line Fuse

**Connection:** IEC 320 Input + AC Cord

### OUTPUT

**Rated Power:** 300-Watts

**Voltage:** 24 Vdc Regulated + 2% Filtered, Floating  
10 mV Ripple Maximum

**Current:** 12 Amps, Six 2A/Outputs

**Protection:** Six 2 A Auto-reset poly switches

**Connections:** Wire cage connectors

### ENVIRONMENT

**Temperature:** 32 to 122°F (0 to 50°C)

**Humidity:** 10-95% Non-condensing

### DIMENSIONS AND WEIGHT

12.10in H x 8.70in W x 3.9in D  
(30.73cm x 22.10cm x 9.91cm)

**Weight:** 7.70lbs (0.52kg)

**Shipping Weight:** 11.90lbs (5.39kg)

### MOUNTING

Wall, mounting plate and hardware included

## ARCHITECTS AND ENGINEERS

The Wall Mount switching power supply, model VP-12124, shall be -24 VDC power supply capable of providing 12 amperes of current. The design of the VP-12124 regulated power supply shall use switching technology, shall provide auto recovery short circuit protection and shall feature six (6) individual class "B" outputs each capable of providing 1/6 of the rated current. Additionally, the design shall incorporate EMI filtering, a minimum 80% efficiency, a 3 second power up delay, a working input frequency range of 50 to 60 Hz and an LED status indicator.

The VP-12124 shall also feature +/- 2 % voltage regulation and over

voltage protection. VP-12124 shall be capable of operating within a temperature range of 32 to 104 °F (0 to 40 °C) and a humidity range of 10% to 95% non-condensing.

The maximum dimensions shall be: 12.10in H x 8.70in W x 3.9in D (30.73cm x 22.10cm x 9.91cm). Weight shall be approximately: 7.70lbs (0.52kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).

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