

# Technical Specifications

## VP-6124 Switching Power Supply

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



6 Amp/24 Volt

### Description:

The VP-6124 is fully regulated and filtered 24 Vdc, 6 Amp switching power supplies. The VP-6124 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. A mount plate is include for wall mounting while an optional power supply shelf is available.

## SPECIFICATIONS

### INPUT

**Voltage:** 120 Vac  
**Frequency:** 47-63 Hz  
**Power:** 165 Watts  
**BTU/Hr:** 565  
**Protection:** 4A/120VACLine Fuse  
**Connection:** IEC 320 Input + AC Cord

### OUTPUT

**Rated Power:** 300-Watts  
**Rated Output Load: Voltage:** 24 Vdc Regulated + 2% Filtered, Floating 10 mV Ripple Maximum  
**Current:** 6 Amps, Three 2A/Outputs  
**Protection:** Three 2 A Auto-reset polyswitches  
**Connections:** Wire cage connectors

### ENVIRONMENT

**Temperature:** 32 to 122°F (0 to 50 °C)  
**Humidity:** 10-95% Non-condensing

### DIMENSIONS AND WEIGHT

10.30in H x 5.92in W x 2.50in D  
(26.16cm x 15.04cm x 6.35cm)  
**Weight:** 5.00lbs (2.27kg)  
**Shipping Weight:** 9.20lbs (4.14kg)

### MOUNTING

Wall, mounting plate and hardware included.

### ACCESSORIES

VP-6124-UPS Charging Unit  
VBB-1424 Battery Box/Batteries  
VP-9202 Power Supply Shelf

## ARCHITECTS AND ENGINEERS

The Switching Power Supply, model VP-6124, shall be -24 VDC power supply capable of providing 6 amperes of current. The design of this regulated power supply shall use switching technology, shall provide auto recovery short circuit protection and shall feature three (3) individual class "B" outputs each capable of providing 1/3 of the supply's rated current. Additionally, the power 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 Hz and an LED status indicator. The VP-6124 shall also feature +/- 2% voltage regulation and over voltage protection.

The VP-6124 Switching Power Supply 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 VP-6124 Switching Power Supply shall be UL, cUL Listed Class 2 Power. The VP-6124 shall be suitable for indoor use only.

An optional battery backup system, models VP-6124-UPS and VBB-1424, shall be available to integrate with the power supply.

The maximum dimensions shall be: 10.30in H x 5.92in W x 2.50in D (26.16cm x 15.04cm x 6.35cm). Weight shall be approximately: 5.00lbs (2.27kg).

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

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