

# Technical Specifications

## VP-6124-UPS Battery Back-Up Charger VBB-1424 Battery Box with Batteries

- Supply power during a power outage
- For use with VP-6124 Power Supply



*Integrate with the  
VP-6124 Power Supply*

### Description:

The Battery Backup System consist of a VP-6124-UPS Back-Up Charger and VBB-1424 Battery Box with Batteries. The Battery Backup System provides backup power to the VP-6124 during a black out or power outage.

## SPECIFICATIONS

### UPS FLOAT STANDBY CHARGING

**Charging Voltage:** 27.6 Volts (13.8 Volts per battery)

**Current Limit:** 900 mA charging; 100 mA at 27 Volts final charge

**Fusing:** 1 Amp auto-reset polyswitch  
6 Amps accidental reverse battery polyswitch

### TIME REQUIRED TO RECHARGE BATTERY

**7AH Battery:** 14 hours

### LENGTH OF TIME BATTERY

#### WILL PROVIDE POWER

**With four 7AH 12V batteries for 14AH total**

**3 Amps load draw:** 3 hours run times

**6 Amps full load:** 1.5 hours run time

### DIMENSIONS AND WEIGHT

#### VP-6124-UPS'

10.30in H x 3.50in W x 2.25in D  
(26.16cm x 8.89cm x 5.72cm)

**Weight:** 2.90lbs (1.32kg)

**Shipping Weight:** 5.90lbs (2.66kg)

#### VBB-1424'

5.52in H x 8.03in W x 10.82in D  
(14.02cm x 20.40cm x 27.48cm)

**Weight:** 17.50lbs (7.88kg)

**Shipping Weight:** 32.70lbs (14.72kg)

### MOUNTING

Wall, mounting plate and hardware included.

## ARCHITECTS AND ENGINEERS

The Battery Backup System shall be an optional unit that allows the VP-6124 to supply power during a power outage. The Battery Backup System shall be comprised of a VP-6124-UPS Charger, a VBB-1424 Battery Enclosure, cables and wall mounting plate. The VP-6124-UPS shall connect to the VP-6124 Power Supply to receive power to charge the batteries.

The VP-6124-UPS Battery Backup Charger charging voltage shall be 27.6 Volts (13.8 Volts per battery). Current limit shall be 900 mA charging. Charging time shall be 14 hours/7AH battery.

The VP-6124-UPS Battery Backup Charger is designed for wall

mounting only, Mounting plate and hardware included. The VBB-1424 shall be place on the floor within six feet of the VP-6124-UPS.

The VP-6124-UPS maximum dimensions shall be: 10.30in H x 3.50in W x 2.25in D (26.16cm x 8.89cm x 5.72cm). Weight shall be approximately: 2.90lbs (1.32kg).

The VP-4124 maximum dimensions shall be: 5.52in H x 8.03in W x 10.82in D (14.02cm x 20.40cm x 27.48cm). Weight shall be approximately: 17.50lbs (7.88kg).

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

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