



ValuSine

Single Phase, 350 to 2100 Watts

HID, Incandescent, Fluorescent

Very Small Footprint, Front Access

U.L. Listed to UL924 Lighting and UL1778

The Valusine is specifically designed for smaller (350 to 2100 watts) emergency lighting applications, and where space is limited. By incorporating the use of new solid state electronics, this compact, economical unit can replace much larger, more expensive inverters.

Superior to other designs on the market, the Valusine is self-contained with both inverter electronics and batteries in a single cabinet, and has the smallest footprint in the industry. The versatile Valusine is the ideal power choice to provide the required 90 minute emergency egress lighting for a wide variety of retail and commercial applications.

KEY FEATURES of the EXT Series:

- **Very compact 24"W x 28"H x 15"D space-saving enclosure. Convenient front access.**
- **Self-contained-both electronics and batteries in one cabinet.**
- **Latest technology microprocessor controlled electronics with PWM (Pulse Width Modulated) design for true Sine Wave output.**
- **Double Conversion, "no-break" online system powers all lamp types, including HID.**
- **Continuous self-diagnostic and self-testing system.**
- **TVSS (Input Transient Voltage Surge Suppressor) is standard.**
- **Easy to install - can be mounted on floor, wall and in the ceiling.**
- **Optional stand raises unit 4 ft. to free-up valuable floor space.**



Applications

Ideal for smaller applications from 350 to 2100 Watts, and where space is limited.

Typical installations:

- Parking Garages
- Retail Stores
- Schools
- Medical Clinics
- Restaurants
- Hotels and Motels
- Banks
- Museums
- Apartments
- Military Barracks
- Offices
- Small Industrial
- Large Homes

Self-Contained Single Cabinet



ValuSine

- Sizes**..... 350 to 2100 Watts
- Input Voltage** 120 Volt Only $\pm 10\%$ On-Line zero Transfer time, 277 Volt Input with external Isolation Transformer Only
- Output Voltage** 120 Volt Only, or 277 Volt with external Isolation Transformer Only
- Output Frequency** 60 Hz. $\pm 5\%$
- Output Voltage Regulation** $\pm 4\%$ for all loads and for Battery Discharge mode
- Output Wave Form**..... Sinewave during emergency @ 10% max.TH D with linear load
- Output Protection**..... Current limiting and short circuit protection
- Battery** Maintenance free sealed lead calcium
 - 48 VDC for 350, 525, and 700 Watts
 - 72VDC for 875, 1050, and 1400 Watts
 - 96VDC for 2100Watts
- Recharge Time** Recharge Time per U.L. 924
- Environmental:**
 - Humidity:..... 0 - 95% RH w/no condensation
 - Operating Temp.: UPS: 0°C to +40°C. (32°F to 104°F)
BATTERY: 20°C to 25°C. (68°F to 77°F)

Isolation Transformers must be used on all input or output voltages other than 120.
By using the Isolation Transformer, you have the choice of 208 or 240 or 277 Volts on the input or output.
Note, these are all externally mounted.

STANDARD FEATURES

- Low Profile Compact Cabinet
- Single Phase, Full Range Voltage Regulation
- AC Power ON Indicator
- Battery ON Indicator
- Charger ON Indicator
- Output Breaker
- 1 AC Input and 1 AC Output C/B
- Battery Breaker
- T.V.S.S.

APPLICATIONS

- H.I.D.
- Incandescent
- Fluorescent
- High Pressure Sodium

OPTIONS

- Floor Mounting Bracket
- Auto/Isolation Transformers
- Output Circuit Breakers

TOTAL WATTS	MODEL NUMBER	INPUT	OUTPUT	WEIGHT (LBS)	SHIP WT (LBS)	BTUs/H R	PHYSICAL SIZE W x H x D
350	VS.35A0100N1-S	120V	120V	238	305	385	24" x 28" x 15"
	VS.35R0100T1-S	277V	120V	259	326	440	
	VS.35A2500T1-S	120V	277V	280	347	440	
	VS.35R2500T1-S	277V	277V	259	326	440	
500	VS.50A0100N1-S	120V	120V	238	305	478	24" x 28" x 15"
	VS.50R0100T1-S	277V	120V	259	326	550	
	VS.50A2500T1-S	120V	277V	280	347	550	
	VS.50R2500T1-S	277V	277V	259	326	550	
750	VS.75A0100N1-S	120V	120V	303	370	492	24" x 28" x 15"
	VS.75R0100T1-S	277V	120V	343	410	575	
	VS.75A2500T1-S	120V	277V	383	450	575	
	VS.75R2500T1-S	277V	277V	343	410	575	
1000	VS1.0A0100N1-S	120V	120V	404	471	615	24" x 28" x 15"
	VS1.0R0100T1-S	277V	120V	444	511	675	
	VS1.0A2500T1-S	120V	277V	484	551	675	
	VS1.0R2500T1-S	277V	277V	444	511	675	
1250	VS1.2A0100N1-S	120V	120V	418	485	780	24" x 28" x 15"
	VS1.2R0100T1-S	277V	120V	505	572	890	
	VS1.2A2500T1-S	120V	277V	592	659	890	
	VS1.2R2500T1-S	277V	277V	505	572	890	
1500	VS1.5A0100N1-S	120V	120V	478	545	925	24" x 28" x 15"
	VS1.5R0100T1-S	277V	120V	565	632	1100	
	VS1.5A2500T1-S	120V	277V	652	719	1100	
	VS1.5R2500T1-S	277V	277V	565	632	1100	
1750	VS1.7A0100N1-S	120V	120V	478	545	1050	24" x 28" x 15"
	VS1.7R0100T1-S	277V	120V	565	632	1320	
	VS1.7A2500T1-S	120V	277V	652	719	1320	
	VS1.7R2500T1-S	277V	277V	565	632	1320	
2100	VS2.1A0100N1-S	120V	120V	585	650	1175	24" x 28" x 15"
	VS2.1R0100T1-S	277V	120V	670	737	1525	
	VS2.1A2500T1-S	120V	277V	757	824	1525	
	VS2.1R2500T1-S	277V	277V	670	737	1525	

Specifications are subject to change without prior notification.



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