

VALUSINE

Single Phase, 500 to 2700W

parking garages • retail stores
medical clinics • restaurants • hotels
banks • museums • apartments
military barracks • small industrial
large homes • offices • schools

EMERGENCY
LIGHTING
INVERTERS

Listed to UL924 Lighting and UL1778 UPS by ETL
HID, LED, Incandescent, Fluorescent
Very Small Footprint, Front Access

STANDARD FEATURES

- ◆ Low Profile Compact Cabinet
- ◆ Single Phase, Full Range Voltage Regulation
- ◆ Input and Output Circuit Breaker
- ◆ Battery Circuit Breaker
- ◆ Monitor Panel:
 - Front Panel LCD displays unit's status
 - Alarm Indicators



Single Cabinet

The Valusine is specifically designed for smaller (500 to 2700 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:

- ◆ Very compact 23.5"W x 34.25"H x 18.25"D space-saving enclosure. Convenient front access.
- ◆ Double Conversion "no-break" online system powers all lamp types, including LED.
- ◆ Efficiency: 94% Online / 98% Standby
- ◆ Automatic monthly and annual self-testing
- ◆ Latest technology microprocessor controlled electronics with PWM (Pulse Width Modulated) design for true Sine Wave output
- ◆ LED and LCD display for detailed status and data (real time alarm system).
- ◆ Enhanced protection against light, surges, and disturbances etc.
- ◆ Easy to install - can be mounted on floor or against the wall
- ◆ Self-contained electronics, transformers and batteries in one cabinet
- ◆ 1 Year Warranty

TECHNICAL SPECIFICATIONS

VALUSINE

EMERGENCY
LIGHTING
INVERTERS

Sizes: 500 to 2700 Watts

Input Voltage: 120 Volt or 277 Volt, $\pm 10\%$ On-Line zero transfer time

Output Voltage: 120 or 277 Volt

Output Frequency: 60Hz +/- 4Hz

Output Volt. Regulation: $\pm 4\%$ for all loads and for Battery Discharge mode

Output Wave Form: Sinewave during emergency @ 10% max. THD with linear load

Output Protection: Current limiting and short circuit protection

Battery: 90 min. UL924 (Eight Sealed, maintenance free lead acid Battery.)

Recharge Time: Recharge Time per UL924

Safety Agencies: Listed to UL1778 and UL924 Standards

Environmental:

Operating Temp.: (Conditioned Space)
68° to 86° F (20° to 30° C) Per UL924

Battery: 20° to 25°C. (68° - 77°F)

Storage Temp.: -20° to 50°C. (-4° - 122°F)

Humidity: 0% - 95% (non-condensation)

Cabinet Size: 23.5"W x 34.25"H x 18.25"D

High Stand (Stackable): 34"W x 40"H x 22"D (Optional)

TOTAL WATTS	MODEL NUMBERS	TOTAL WEIGHTS	INPUT	OUTPUT	BTUs/HR
500	VS.50A0100N1-x	275 LBs	120V	120V	478
	VS.50R0100T1-x		277V	120V	550
	VS.50A2500T1-x		120V	277V	550
	VS.50R2500T1-x		277V	277V	550
750	VS.75A0100N1-x	370 LBs	120V	120V	492
	VS.75R0100T1-x		277V	120V	575
	VS.75A2500T1-x		120V	277V	575
	VS.75R2500T1-x		277V	277V	575
1000	VS1.0A0100N1-x	370 LBs	120V	120V	615
	VS1.0R0100T1-x		277V	120V	675
	VS1.0A2500T1-x		120V	277V	675
	VS1.0R2500T1-x		277V	277V	675
1250	VS1.2A0100N1-x	460 LBs	120V	120V	780
	VS1.2R0100T1-x		277V	120V	890
	VS1.2A2500T1-x		120V	277V	890
	VS1.2R2500T1-x		277V	277V	890
1500	VS1.5A0100N1-x	510 LBs	120V	120V	925
	VS1.5R0100T1-x		277V	120V	1100
	VS1.5A2500T1-x		120V	277V	1100
	VS1.5R2500T1-x		277V	277V	1100
2100	VS2.1A0100N1-x	570 LBs	120V	120V	1175
	VS2.1R0100T1-x		277V	120V	1525
	VS2.1A2500T1-x		120V	277V	1525
	VS2.1R2500T1-x		277V	277V	1525
2500	VS2.5A0100N1-x	720 LBs	120V	120V	1351
	VS2.5R0100T1-x		277V	120V	1813
	VS2.5A2500T1-x		120V	277V	1813
	VS2.5R2500T1-x		277V	277V	1813
2700	VS2.7A0100N1-x	730 LBs	120V	120V	1392
	VS2.7R0100T1-x		277V	120V	2103
	VS2.7A2500T1-x		120V	277V	2103
	VS2.7R2500T1-x		277V	277V	2103

Specifications are subject to change without prior notification.

OPTIONS

- Stand By Operation - 98% Efficiency (Typical)
- Seismic Floor Mounting Bracket: Adds additional floor space to each side of the cabinet
- Floor Stand Mounting (To support 2nd unit on top of 1st unit)
- Auxiliary T.V.S.S
- Normally ON Output Breakers 20amp (Up to 12 CB)
- Normally OFF or Normally ON W/ time delay adj. Output Breakers 20amp (Up to 12 CB)
- Dry Contact: With Single Common, N/O, N/C contacts with individual isolated Common
- Maintenance Bypass Switch
- Extended Warranty Service

MONITORING OPTIONS

ONLY ONE CAN BE SELECTED:

- Dry Contact
- SNMP
- RS-232
- USB Port

