

Compact Central Lighting Inverter 500 to 2100 Watts

The Econosine is specifically designed for smaller (500 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 Econosine is self-contained with both inverter electronics and batteries in a single cabinet, and has the smallest footprint in the industry. The versatile Econosine 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 ECONOSINE:

- Very compact 23.5"W x 34.25"H x 18.25"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
- Enhanced protection against light, surges, & disturbance, etc.
- Easy to install - can be mounted on floor or against the wall
- Remote monitoring with SNMP intelligent slot and RS232 interface
- LED & LCD display for detail status & data: real time alarm silence



EconoSine 2

Compact Central Lighting Inverter Self-Contained, Single Cabinet

Standby 98% Efficient - Double Conversion 94% Efficient

Applications

Ideal for smaller applications from 500 to 2100 Watts, and where space is limited. Typical installations:

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



500 to 2100 Watts

Single Phase, 120 or 277 Volt

**Incandescent, Fluorescent, LED
Very Small Footprint, Front Access**

Listed to UL924 BY ETL

A Full Line Power Protection Company.

EconoSine 2 Specifications

Sizes: 500, 750, 1000, 1250, 1500, and 2100 Watts

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

Output Voltage: 120 or 277 Volt

Output Frequency: 50 or 60 Hz. $\pm 5\%$ (battery mode)

Output Voltage 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: Maintenance free sealed lead calcium

Recharge Time: Recharge Time per U.L. 924

Safety Agencies: Listed to UL1778 and UL924 by ETL

Environmental:

Humidity: 0 - 95% non-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)

TOTAL WATTS	Model Numbers	Total Weights	INPUT	OUTPUT	BTUs/HR	PHYSICAL SIZE W" x H" x D"
500	ES.50A0100N1-x	275 lbs	120V	120V	478	23.5 x 34.25 x 18.25
	ES.50R0100T1-x		277V	120V	550	
	ES.50R2500T1-x		277V	277V	550	
	ES.50A2500T1-x		120V	277V	550	
750	ES.75A0100N1-x	370 lbs	120V	120V	492	
	ES.75R0100T1-x		277V	120V	575	
	ES.75R2500T1-x		277V	277V	575	
	ES.75A2500T1-x		120V	277V	575	
1000	ES1.0A0100N1-x	370 lbs	120V	120V	615	
	ES1.0R0100T1-x		277V	120V	675	
	ES1.0R2500T1-x		277V	277V	675	
	ES1.0A2500T1-x		120V	277V	675	
1250	ES1.2A0100N1-x	460 lbs	120V	120V	780	
	ES1.2R0100T1-x		277V	120V	890	
	ES1.2R2500T1-x		277V	277V	890	
	ES1.2A2500T1-x		120V	277V	890	
1500	ES1.5A0100N1-x	510 lbs	120V	120V	925	
	ES1.5R0100T1-x		277V	120V	1100	
	ES1.5R2500T1-x		277V	277V	1100	
	ES1.5A2500T1-x		120V	277V	1100	
2100	ES2.1A0100N1-x	570 lbs	120V	120V	1175	
	ES2.1R0100T1-x		277V	120V	1525	
	ES2.1R2500T1-x		277V	277V	1525	
	ES2.1A2500T1-x		120V	277V	1525	

Specifications are subject to change without prior notification.

STANDARD FEATURES

- Low Profile Compact Cabinet
- Single Phase, Full Range Voltage Regulation
- Input/Output Circuit Breaker
- Battery Circuit Breaker
- **Monitoring panel:**
 - Front Panel LCD displays unit status
 - Alarm Indicators

APPLICATIONS

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

OPTIONS

- Floor Mounting Bracket
- Output Circuit Breakers
- 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 (AS400)
- SNMP/WEB Card
- Maintenance Bypass Switch
- RS232
- Extended Warranty Service