

Model Number: Accessories: Job:	Approvals: Type:
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The Phoenix Compact 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 Phoenix Compact is self contained with both inverter electronics and batteries in a single cabinet, and has the smallest footprint in the industry. The versatile Phoenix Compact is the ideal power choice to provide the required 90 minute emergency egress lighting for a wide variety of retail and commercial applications.

FEATURES

- 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
- TVSS (Input Transient Voltage Surge Suppressor) is standard
- Easy to install
- Complete fixture series meets American Recovery and Reinvestment Act of 2009 (ARRA) requirements and Buy American provisions

APPLICATIONS

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

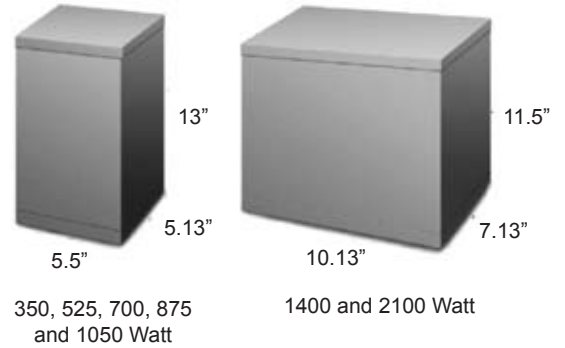
TYPICAL INSTALLATIONS

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



EXTERNAL ISOLATION TRANSFORMERS

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.



**350 to 2,100 Watts,
Single Phase**

**HID, Incandescent, Fluorescent, LED
120, 208, 240, or 277 Volt**

**Listed to UL924 Lighting
and UL1778 UPS Standards**



ORDERING INFORMATION

WATTS	PART NUMBER	INPUT	OUTPUT	DIMENSIONS
350/ 330 ¹	PHO-S350-120/120	120V	120V	24" x 28" x 15"
	PHO-S350-277/120	277V	120V	
	PHO-S350-277/277	277V	277V	
	PHO-S350-120/277	120V	277V	
525/ 500 ¹	PHO-S500-120/120	120V	120V	24" x 28" x 15"
	PHO-S500-277/120	277V	120V	
	PHO-S500-277/277	277V	277V	
	PHO-S500-120/277	120V	277V	
700/ 670 ¹	PHO-S700-120/120	120V	120V	24" x 28" x 15"
	PHO-S700-277/120	277V	120V	
	PHO-S700-277/277	277V	277V	
	PHO-S700-120/277	120V	277V	
875/ 840 ¹	PHO-S875-120/120	120V	120V	24" x 28" x 15"
	PHO-S875-277/120	277V	120V	
	PHO-S875-277/277	277V	277V	
	PHO-S875-120/277	120V	277V	
1050/ 1000 ¹	PHO-S1050-120/120	120V	120V	24" x 28" x 15"
	PHO-S1050-277/120	277V	120V	
	PHO-S1050-277/277	277V	277V	
	PHO-S1050-120/277	120V	277V	
1400/ 1345 ¹	PHO-S1400-120/120	120V	120V	24" x 28" x 15"
	PHO-S1400-277/120	277V	120V	
	PHO-S1400-277/277	277V	277V	
	PHO-S1400-120/277	120V	277V	
2100/ 2015 ¹	PHO-S2100-120/120	120V	120V	24" x 28" x 15"
	PHO-S2100-277/120	277V	120V	
	PHO-S2100-277/277	277V	277V	
	PHO-S2100-120/277	120V	277V	

¹ If isolation transformers are required, reduce wattage

SPECIFICATIONS

Wattages: 350, 525, 700, 875, 1050, 1400 and 2100 Watts

Input Voltage: 120 Volt Only $\pm 10\%$ On-Line zero Transfer Time, or 277 Volt Input with external Isolation Transformer only

Output Voltages: 120 Volt only, or 277 Volt with external Isolation Transformer only

Output Freq. (Inverter Operation): 60 Hz ± 0.5 Hz

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

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

Output Protection: Current limiting and short circuit protection

Battery: Maintenance-free sealed lead calcium battery

48 VDC for 350, 525, & 700 Watts

72 VDC for 875, 1050, & 1400 Watts

96 VDC for 2100 Watts

Recharge Time: Conforms to UL924 Standards

Humidity: 0 - 95% RH w/ no condensation

Operating Temperature: UPS: 0° to +40°C. (32° - 104°F)

Battery: 20° to 25°C. (68°-77°F)

Note: 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, 240, or 277 Volts on the input or output. Note: These are all externally mounted.

OPTIONS

- Auto/Isolation Transformers
- Output Circuit Breakers, maximum (5) 1

Consult factory for more options



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