

# LMI Series

## 300 TO 600 W FAST TRANSFER POWER SUPPLY

Page 1 of 2

### LMI300



### LMI600



#### Overall Characteristics

**Features:** 98% throughput efficiency. Single conversion UPS, 1 ms transfer time. Operating temperature range of 68°F (20°C) to 85°F (30°C) for batteries. Standard 90 minutes minimum of operating time at full load. Pulse width modulated (pwm) design.

**Application:** Operates incandescent, electronic ballast loads, HID, and LED lighting loads as well as critical loads requiring conditioned emergency power.

**Housing:** Free standing, NEMA 1 enclosure with a durable powder coat finish. Multiple conduit entries available.

**Battery:** Maintenance free, sealed lead calcium battery (68°F to 85°F).

**Input:** 120 or 277 VAC.

Frequency 60.0 Hz  $\pm$  2.0%.  
Input voltage tolerance  $\pm$ 10%.  
Input circuit breaker is a standard feature to simplify maintenance.

**Output:** Solid state PWM inverter with sine wave output. Output distortion <3% THD (linear load). Output fusing standard, output circuit breakers optional. Output frequency 60 Hz  $\pm$  2 Hz. Load power factor capability is 0.5 lagging to 0.5 leading. Overload rating is 150% for 5 seconds. Efficiency is 98%.

**Charger:** Standard features include low voltage disconnect (LVD) and a fully automatic, temperature compensated solid state charging system. Recharge time is UL 924 compliant. Battery circuit breaker.

#### Standard Metering/

**Controls:** AC input breaker and AC output fusing is standard. Battery disconnect breaker. LED indicating lamps for system on utility, system on inverter, overload condition, and no load connected.

#### Code Compliance

UL 924 listed. Meets NFPA 101, NEC, BOCA, OSHA standards.

#### Warranty

Three years full electronics warranty. One year full, four years pro-rata battery warranty.

#### Job Information Type:

Job Name:

Cat. No.:

Notes:

**PHILIPS**

**LIGHTOLIER**

# LMI Series

## 300 TO 600 W FAST TRANSFER POWER SUPPLY

Page 2 of 2

### Ordering Information

<b>LMI</b>					
Series	Output Wattage	Voltage Configuration	Optional Output Circuit Breakers	Optional Output Circuit Breaker Voltage*	Optional Output Circuit Breaker Rating
<b>LMI</b> = LMI Series Inverter	<b>300</b> = 330 VA/300 W <b>400</b> = 660 VA/400 W <b>600</b> = 660 VA/600 W	<b>120</b> = 120 V <b>277</b> = 277 V	<b>1</b> = OCB1 <b>2</b> = OCB2	<b>A</b> = 120 VAC <b>R</b> = 277 VAC	<b>10</b> = 10 A <b>15</b> = 15 A <b>20</b> = 20 A
* Output circuit breaker voltage must match the system input voltage.					

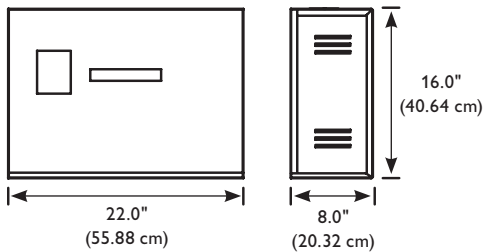
### System Input/Output

#### INPUT (select one)

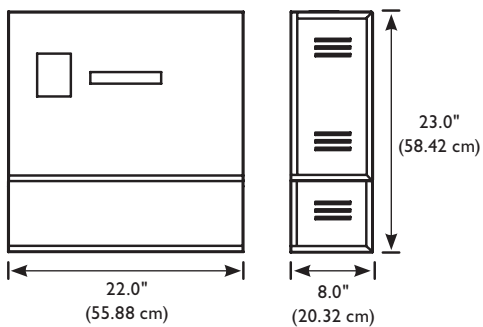
MODEL	CAPACITY	AC INPUT VOLTAGES	INPUT AMPS <sup>1</sup>
LMI300	300 W	120:277	3.1:1.4
LMI400	400 W	120:277	5.8:2.6
LMI600	600 W	120:277	6.2:2.8

1) Maximum input current.

#### LMI300, LMI400



#### LMI600



Philips Lightolier  
e: [lol.webmaster@philips.com](mailto:lol.webmaster@philips.com)  
t: (508) 679-8131  
w: [www.lightolier.com](http://www.lightolier.com)

LMI Series - 300 March 2, 2012

Specifications are subject to change without notice.  
© Koninklijke Philips Electronics N.V., 2012. All rights reserved.

**Job Information** **Type:**