

LMI Series

300 TO 600 W INTERRUPTIBLE POWER SUPPLY

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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 INTERRUPTIBLE POWER SUPPLY

Ordering Information

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

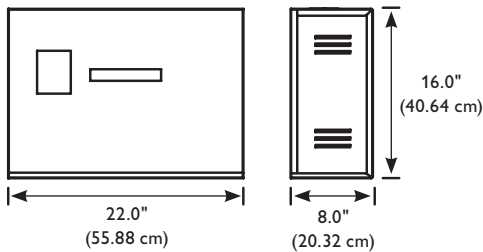
System Input/Output

INPUT (select one)

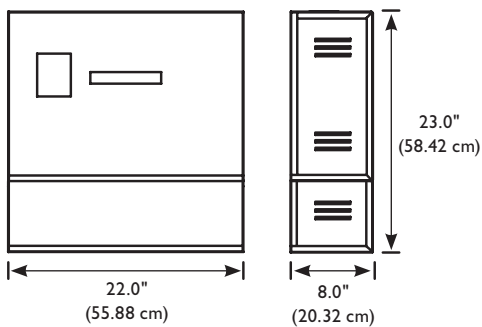
MODEL	CAPACITY	AC INPUT VOLTAGES	INPUT AMPS ¹
LMI300	300 W	120:277	3.1:1.4
LMI400	400 W	120:277	5.8:2.6
LMI600	600 W	120:277	6.2:2.8

1) Maximum input current.

LMI300, LMI400



LMI600



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Job Information Type: