

## Wall Mount Central Lighting Inverter

With true Sine Wave output, the Crucial Power Products Lite-Wave has been specifically designed for smaller emergency lighting loads (200 – 490 watts) common with today's new lighting specifications. The Lite-Wave is perfect for LED lighting, as well as HID, HPS, Fluorescent, and Incandescent. With the required 90 minutes of power on tap, this compact, state-of-the-art unit is designed with no compromise to safety and efficiency. It is economical to own, and economical to operate.

Loaded with more standard features than the competition, the Lite-Wave is self-contained, with both inverter and batteries housed in a single cabinet. Available in 120 volt input/output, and 277 volt input/output, the Lite-Wave comes standard with function indicators, main input/output breaker, battery breaker, and LCD monitor screen. Options include TVSS, additional output circuit breakers, seismic floor mounting brackets, SNMP card, RS 232, USB port, and a Remote Status Panel.

### KEY FEATURES

- Pure Sine Wave Output preferred for LED Lighting Loads
- Compact 24"W x 17"H x 9.5"D space-saving enclosure with front access
- Double Conversion, "no break" online system for all applications and lamp types
- Bright function indicators for rapid identification of system status
- Enhanced protection utilizing latest TVSS technology
- 1 Year Warranty
- Optional RS-232 and USB comm port with monitoring software
- Optional SNMP/Web card



## Lite-Wave



## Pure Sine Wave Output

**200, 300, or 490 Watts**  
Single Phase, 120 or 277 Volt  
Incandescent, Fluorescent, LED, HID

**Very Small and Front Access**  
Listed to UL924 by ETL

**A Full Line Power Protection Company.**

# Lite-Wave Specifications

**Sizes:** 200, 300, and 490 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 Reg.:**  $\pm 4\%$  for all loads and for Battery Discharge mode

**Output Wave Form:** Sine Wave, THD < 3% at linear load

**Output Protection:** Current limiting and short circuit protection

**Battery:** Maintenance free sealed lead acid

**Recharge Time:** Recharge Time per U.L. 924

**Safety Agencies:** UL924, NFPA101, NFPA70, NEC, and OSHA

**Indicator:** LCD: UPS Status

**LED:** Green: UPS ON, Output available,

Orange: Battery mode, Bypass mode, Red: Fault

**Audible Alarms:** Battery Mode, Overload, Fault

## 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)

**Physical Dimension:** 24" Wide x 17" High x 9.5" Deep

TOTAL WATTS	Model Numbers	Total Weights (lbs)	INPUT	OUTPUT	*BTUs/HR
200	WM.20A01CP	132	120V	120V	216
	WM.20R01CP	136	277V	120V	233
	WM.20R25CP	139	277V	277V	233
	WM.20A25CP	136	120V	277V	233
300	WM.30A01CP	132	120V	120V	305
	WM.30R01CP	136	277V	120V	353
	WM.30R25CP	139	277V	277V	353
	WM.30A25CP	136	120V	277V	353
490	WM.49A01CP	244	120V	120V	499
	WM.49R01CP	248	277V	120V	543
	WM.49R25CP	251	277V	277V	543
	WM.49A25CP	248	120V	277V	543

\* BTU/HR are approx. number with tolerance  $\pm 15\%$  for all models

## Applications

- Office Buildings, Factories
- Hospitals, Hotels & Motels
- Schools & Universities
- Shopping Centers
- Casinos, Airports
- Military Installations
- Apartment Buildings
- Train & Bus Terminals



## STANDARD FEATURES

- Low Profile Compact Cabinet (24" x 17" x 9.5")
- Single Phase, Full Range Voltage Regulation
- LCD Display for easy viewing UPS status
- 5 LED Lights: UPS On, Output Avail, Batt Mode, Bypass Mode, Fault
- Audible Alarms
- Main Input/Output Breaker
- Battery Breaker
- Double Conversion, "no break" online system for all applications and lamp types
- Wall Mount Brackets

## Ordering Guide

System	Power (Watts)	Input Voltage	Output Voltage
WM	.20 = 200 Watts	A = 120 Volts	01 = 120 Volts
	.30 = 300 Watts	R = 277 Volts	25 = 277 Volts
	.49 = 490 Watts		

+

**WM.20A01CP - TVSA - 2BRK - FLR**

Model Number

TVSS Option

Output Breaker Option

Mounting Option

Model Number + TVSS + 2 Output Circuit Breaker + Floor Mounting

## Options

TVSS (120V Input) = TVSA  
 TVSS (277V Input) = TVSR  
 Output Breakers (1) 10 amp = 1BRK  
 Output Breakers (2) 10 amp = 2BRK  
 Output Breakers (3) 10 amp = 3BRK  
 SNMP = SNMP  
 RS 232 = 232  
 Floor Mount = FLR  
 Remote Status = RST

Specifications are subject to change without prior notification

6005-205C Rev A. 0412

© Copyright Crucial Power Products All rights reserved.

**CP CRUCIAL POWER PRODUCTS**

5701 Smithway St., Commerce, CA 90040

Tel: (800) 244-4069 • Fax: (800) 246-2346

www.crucialpower.com

email: info@crucialpower.com