



# Power-Lite

**Single Phase, 200 to 490 Watts**

**120 or 277 Volt**

**Incandescent, Fluorescent, LED, HID**

**Very Small and Front Access**

**Listed to UL924 by ETL**

Perfect Power Systems Power-Lite has been specifically designed for smaller emergency lighting loads (200 to 490 watts) common with today's new lighting technologies. Providing true Sine Wave output for the required 90 minutes, the Power-Lite is perfect for LED lighting as well as HID, Fluorescent and Incandescent. Utilizing new solid state electronics this compact state-of-the-art unit is designed to be economical to own and economical to operate.

Superior to other designs of similar cost, the Power-Lite 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 Power-Lite comes standard with function indicators, main input/output breakers, 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 of the Power-Lite:**

- **Pure Sine Wave Output preferred for LED Lighting Loads**
- **Automatic monthly and annual self testing**
- **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**
- **Optional RS-232 and USB comm port with monitoring software**
- **Optional SNMP/Web card**



**Pure  
Sine Wave  
Output**

# Power-Lite 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 Regulation:**  $\pm 4\%$  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 UL 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.20A01PP	132	120V	120V	216
	WM.20R01PP	136	277V	120V	233
	WM.20R25PP	139	277V	277V	233
	WM.20A25PP	136	120V	277V	233
300	WM.30A01PP	132	120V	120V	305
	WM.30R01PP	136	277V	120V	353
	WM.30R25PP	139	277V	277V	353
	WM.30A25PP	136	120V	277V	353
490	WM.49A01PP	244	120V	120V	499
	WM.49R01PP	248	277V	120V	543
	WM.49R25PP	251	277V	277V	543
	WM.49A25PP	248	120V	277V	543

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

## Applications

Office Buildings

Airports

Warehouses, Hospitals

Telecommunications

Security System

Public Building, Hotels

Schools, Shopping Center

Cruise & Cargo Ship

Supermarkets



### 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.20A01PP - 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  
 Normally Off Output Circuit Breakers  
 SNMP = SNMP  
 RS 232 = 232  
 Floor Mount = FLR  
 Remote Status = RST

Specifications are subject to change without prior notification.



1400 S. Broadway,  
 Los Angeles, CA 90061  
 Tel: 800-786-6915