



# Line Interactive UPS

**2000 VA / 1400 W, Rackmount**

**Protect critical equipment and data assets against power losses.**

MANHATTAN® Line Interactive UPS systems protect computer and electronic equipment against power brownouts, blackouts, sags (undervoltages) and surges (overvoltages). Surge-only outlets offer protection for printers and other peripherals while reserving backup battery capacities for critical data processing and storage devices. Reliable battery backup maintains sufficient power to save work when power fails. Installed in racks or used as a standard tower, this unit provides flexible power for server room environments.

## **Additional Security and Protection for Equipment**

MANHATTAN protects properly connected equipment up to \$100,000 (U.S. and Canada only). Its heavy-duty batteries are warranted for three years.

## **Lifetime Warranty**

Strict manufacturing standards ensure the highest quality in all MANHATTAN products. Line Interactive UPS products also carry a full Lifetime Warranty protecting materials and workmanship — the strongest quality commitment anyone can make.

**Model**  
**168205**





IEC model



NEMA model

Model  
168205

## Features

- Advanced protection against power outages, sags, surges and line noise
- RISC-based microprocessor maintains proper charge, provides consistent power output and helps extend battery life
- Built-in expansion slot for optional SNMP card
- Automatic voltage regulation (AVR), cold start capability and diagnostics
- 1120 Joules telephone/fax and network surge protection
- Circuit breaker protection offers quick recovery from overload and short circuit events
- LED and audible alert system and power management software help monitor critical functions
- \$100,000 connected equipment guarantee (U.S. and Canada only)
- Lifetime Warranty, UPS; Three-year Warranty, battery

## Specifications

### GENERAL AVAILABLE IN 120 V (NEMA) AND 220 V (IEC) MODELS

- Outlets: 8 NEMA (120 V), 6 backup + surge only / 2 surge only; 7 IEC (220 V), 6 back-up + surge / 1 Schuko surge only
- Times: back-up time, 9.6 minutes (full load), 23.5 minutes (half load); recharge, 8 hours typical (10 hours max.); transfer time: 4-8 ms typical (10 ms max.)
- Communications ports: RJ-45 (USB/RS-232 interface), Emergency Power-Off (EPO)
- Telephone/fax/network ports: RJ-11/RJ-45 ports (1 in / 1 out), surge protected
- Nominal voltage: input, 115 V (230 V), output 115 V (230 V)
- Voltage range: input, 115 V +20% / -25% (230 V +20% / -25%)
- Frequency range: 50/60 Hz (auto sensing)
- Voltage regulation: 115 V +/- 13%
- Noise filter: full-time EMI / RFI filtering; 100 kHz to 10 MHz
- Frequency regulation: 50/60 Hz +/- 1%
- Waveform: pure sine wave
- Battery: capacity, 12 V / 7 Ah x 4; type, sealed and maintenance-free (lead acid)
- Temperatures (°C): operation, 0 to 40; storage, -20 to 40
- Operation relative humidity: 0 to 95% (non-condensing)
- LED indicators: Online, Overload, On Battery and Bad Battery
- Audible alarms: Overload, On Battery, Low Battery

### PACKAGE CONTENTS

- Line Interactive UPS, 2000 VA / 1400 W, Rackmount
- Power Management Software CD (Windows 98/SE/Me/2000/XP compatible)
- Cables (120 V), USB/RJ-45, 6 ft. (1.8 m); RJ-11, 6 ft. (1.8 m); power cord with L5-30P locking plug, 6 ft. (1.8 m)
- Cables (220 V), USB/RJ-45, 6 ft. (1.8 m); RJ-11, 6 ft. (1.8 m); Schuko/C13, 6 ft. (1.8 m); C13/C14, 6 ft. (1.8 m)
- Power cable, 6 ft. (1.8 m)
- Mounting brackets and tower stands
- User manual

For more information on MANHATTAN products, consult your local dealer or visit [www.manhattan-products.com](http://www.manhattan-products.com).

  
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BRINGING COMPUTERS TO LIFE

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