

# Office Pro LCD

Orion Power Systems

Cost Effective Power Protection from 1000VA to 2000VA



The Orion Power Systems Office Pro LCD is the most cost effective solution for protecting small/home office computers, telephone, security, and peripheral equipment.

#### Ideally suited for:

- Point of Sale
- Security Systems
- Data processing
- Phone Systems
- Peripherals

## Product Snapshot

|                             |  |
|-----------------------------|--|
| <b>Power Rating</b>         | 1000VA/600W<br>1400VA/840W<br>2000VA/1200W |
| <b>Input Voltage Range</b>  | 120 VAC (Nominal)                          |
| <b>Output Voltage Range</b> | 120 VAC (Nominal)                          |
| <b>Frequency (HZ)</b>       | 50/60 HZ                                   |
| <b>Topology</b>             | Line Interactive                           |
| <b>Configuration</b>        | Tower                                      |

#### Battery Backup time in Minutes

| Load (VA/Watts)    | Internal Batteries | Typical computer load * |
|--------------------|--------------------|-------------------------|
| <b>OP1000U-LCD</b> |                    |                         |
| 1000/600           | 5 min.             | 61 min.                 |
| <b>OP1400U-LCD</b> |                    |                         |
| 1400/840           | 4 min.             | 85 min.                 |
| <b>OP2000U-LCD</b> |                    |                         |
| 2000/1200          | 2 min.             | 85 min.                 |

\* Runtimes listed are at full watt load. Typical computer load is 100 watts. Calculations are approximate and will vary based on battery age, temperature, etc.

## Features

- LCD Display
- Automatic Voltage Regulation
- Line Interactive Design
- Modem/LAN Internet Protection
- USB Communication Port
- Power Monitoring and Shutdown Software
- Surge Protection with Noise Filtering
- Self Test and Self Diagnostics
- Smart Battery Management
- 37 Month Silver Warranty on Electronics and Batteries
- Lifetime \$50,000 Load Protection Guarantee



## LCD Display

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State of the Art LCD display provides real time status information of Volts in, Volts out, battery percentage remaining, percentage load, and more. All the information you need at a glance.



## Industry Leading Warranty and Protection

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### Orion Power Systems 37 Month Silver Warranty

Orion Power Systems offers the longest standard warranty in the industry – an exclusive 37 month electronics / 37 month battery warranty.



### Ultimate 860 Joules Surge Protection Rating

Office Pro uses MOV (Metal Oxide Varistor) technology to provide your connected equipment the maximum protection against transients, surges and spikes. It uses an array of MOVs to provide 860 joules capacity – more than twice the protection of competitors. The Office Pro series also protects against back door threats with built-in RJ45 surge protection.



### Lifetime \$ 50,000 Load Protection Guarantee

Protect your valuable equipment with \$ 50,000 coverage protection from spikes, surges, and transients. Unlike many other manufacturers of ups systems, Orion Power Systems guarantee is good for the lifetime of the UPS.



## OFFICE PRO LCD 1K/1.4K/2K LINE INTERACTIVE UPS SELECTION GUIDE

| MODEL                              | OP1000U-LCD   | OP1400U-LCD          | OP2000U-LCD        |
|------------------------------------|---|----------------------|--------------------|
| <b>CAPACITY</b>                    | 1000 VA / 600 W   | 1400 VA / 840 W      | 2000 VA / 1200 W   |
| <b>INPUT</b>                       |   |                      |                    |
| Voltage                            | 120 VAC with 5-15P  |                      | 120 VAC with 5-20P |
| Voltage Range                      | 81-145 VAC  |                      |                    |
| Frequency Range                    | 50/60 Hz (auto sensing)   |                      |                    |
| <b>OUTPUT</b>                      |   |                      |                    |
| Output Voltage                     | 120 VAC   |                      |                    |
| AC Voltage Regulation (Batt. Mode) | +/- 10%   | +/- 5% at load < 50% |                    |
| Frequency Range (Batt. Mode)       | 50 Hz or 60 Hz ±1 Hz  |                      |                    |
| Transfer Time                      | 2-6ms   | 4-8ms                |                    |
| Receptacles                        | (8) UPS   | (8) UPS              | (8) UPS            |
| Waveform                           | AC Input (True Sine Wave) / Battery Mode (Simulated Sine Wave)  |                      |                    |
| <b>BATTERY</b>                     |   |                      |                    |
| Battery Type & Number              | 12 V/7 AH x 2   | 12 V/9 AH x 2        | 12 V/9 AH x 2      |
| Typical Recharge Time              | 10 hours to 90%   | 6 hours to 90%       |                    |
| <b>INDICATORS</b>                  |   |                      |                    |
| LCD Display                        | AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery |                      |                    |
| Battery Mode / Low Battery         | Sounding every 10 seconds / Every second  |                      |                    |
| Overload                           | Sounding every 0.5 second   |                      |                    |
| Battery Replacement Alarm          | Sounding every 2 seconds  |                      |                    |
| Fault                              | Continuously sounding   |                      |                    |
| <b>PROTECTION</b>                  |   |                      |                    |
| Full Protection                    | Overload, discharge, and overcharge protection  |                      |                    |
| Surge Protection                   | 860 joules  |                      |                    |
| <b>PHYSICAL</b>                    |   |                      |                    |
| Dimension, D X W X H (inches)      | 15.9 x 5.7 x 8.07   |                      |                    |
| Net Weight (lbs)                   | 21.4 lbs.   | 26.5 lbs.            | 26.5 lbs.          |
| <b>OPERATING ENVIRONMENT</b>       |   |                      |                    |
| Humidity / Noise Level             | 0-90 % RH @ 0- 40°C (non-condensing) / Less than 45dB   |                      |                    |
| <b>MANAGEMENT</b>                  |   |                      |                    |
| USB Port                           | Supports Windows family, Linux, IBM, Aix, Sun Solaris, Compaq True 64, UnixWare, FreeBSD, HP-UX, and MAC.         |                      |                    |
| <b>COMPLIANCE</b>                  | UL1778, FCC   |                      |                    |

