

Online Pro

Orion Power Systems

True Online Power Protection from 1000VA to 3000VA



Orion Power Systems Online Pro Series provides the ultimate in power quality, manageability, and flexibility.

Ideally suited for:

- Medical and lab equipment
- Data processing
- Network closets
- VOIP and Telecom

Product Snapshot

Power Rating	1000VA/700W 1500VA/1050W 2000VA/1400W 3000VA/2100W
Input Voltage Range	60/70/80 - 144Vac
Output Voltage Range	115V, adjustable to 100/110/115/120/127
Frequency (HZ)	50/60 +/- 5Hz (Auto Sensing)
Topology	True On-line Double Conversion
Configuration	Rack (2U) / Tower – pedestal and rack mount kit included

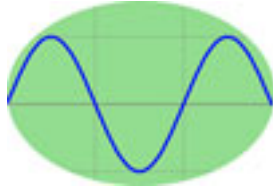
Features

- Protect valuable equipment with tight voltage regulation and pure sine wave output.
- Conserve valuable rack space with 2U rack height
- Flexible form factor allows rack mounted or tower deployment
- Stay informed with Free monitoring software or optional SNMP management
- Extended backup time available with add-on battery modules
- Rotating LCD display provides instant information and control of UPS
- 37 Month Plus Gold Warranty included standard
- Lifetime \$ 150,000 Equipment Protection Policy



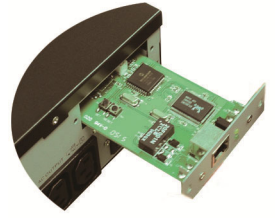
Ultimate Power Quality

Ensure your sensitive equipment lasts longer and is more reliable by supplying it with quality power. The Online Pro series uses double conversion technology to regulate voltage +/- 1% and outputs a pure sine wave. During a power outage, there is no transfer time when going to battery power.



Communications

Online Pro keeps you in the know with Free monitoring and shutdown software operated via USB or DB9 serial port. Optional communication cards provide Web/SNMP and relay contact communication.



LCD Display

State of the Art LCD display rotates to accommodate tower or rack mount installations. Provides real time status information and allows configuration of ups setup parameters. LCD display reports Volts in, Volts out, battery voltage, percentage load, and more.



Hot Swappable Batteries

Maintenance is easy and inexpensive with user replaceable, hot-swappable battery trays. Save money on maintenance by using in-house personnel to change batteries when necessary.



Online Pro Adapts to Your Needs

- Tower or Rack-mount installation
- Add backup time when needed with extended battery modules
- Load shedding allows shutdown of non-critical equipment in prolonged outages
- Adjustable output voltage to 100/110/115/120/127
- Frequency converter from 50 to 60HZ or vice versa

Battery Backup time in Minutes *

Load (VA/Watts)	Internal Batteries	1 EBM	2 EBM	3 EBM	4 EBM
DC1000U					
500/350	19	158	326	508	699
1000/700	7	66	139	219	304
DC1500U					
750/525	15	96	209	329	439
1500/1050	6	36	79	129	180
DC2000U					
1000/700	19	84	158	240	326
2000/1400	7	34	66	101	139
DC3000U					
1500/1050	16	29	72	121	172
3000/2100	6	11	29	50	72

* Runtimes are approximate and will vary based on battery age, temperature, etc. Runtimes are based on full / half load watt ratings.

Model Selection Guide

Online Pro Rack/Tower Models: 120V 50/60HZ

Model #	Rating (VA/Watts)	Input	Output Receptacles	Dim. HxWxD (in.)	Weight (lbs.)
DC1000U	1000/700	5-15P	(6) 5-15R	3.5 (2U) x 18 x 16	34.5
DC1500U	1500/1050	5-15P	(6) 5-15R	3.5 (2U) x 18 x 16	44.5
DC2000U	2000/1400	5-20P	(2) 5-15R (2) 5-20R	3.5 (2U) x 18 x 26	61.3
DC3000U	3000/2100	L5-30P	(4)5-15R (1) L5-30R	3.5 (2U) x 18 x 26	68.6

Rack/Tower Extended Battery Modules

DC1500EBM	For 1000/1500 VA	N/A	N/A	3.5 (2U) x 18 x 26	92
DC2000EBM	For 2000/3000 VA	N/A	N/A	3.5 (2U) x 18 x 26	92
OPS-Railkit	N/A	N/A	N/A	N/A	3

Specifications:

Electrical Input

Nominal Voltage	115V
Voltage Range	60/70/80* – 144 VAC
Frequency (HZ)	50/60 +/- 5Hz (Auto Sensing)
Power Factor	> .99 (Full Load)

* Based on load percentage (0~33/33~66/66~100%)

Electrical Output

Output Voltage	115V, adjustable to 100/110/115/120/127
Voltage Regulation	≤± 1%
Frequency (HZ)	±0.1% (0.05~0.06Hz) unless synchronized to line
Power Factor	> .99 (Full Load)
Load Segments	Two user controlled load segments
Wave Form	True Sine Wave

Communications

Interface Type SNMP(optional)	1 *USB port+ 1*RS-232 port Power management from SNMP manager and Web browser
Monitoring / Shutdown Software	Windows 95/98/NT/2000/XP /Vista/7 Novell NetWare, Linux, etc. Included at no charge.

Environmental

Operation Temperature	0-40 C
Noise Level	< 50dBA
Relative Humidity	0 to 90% (without condensation)

Standards and Certification

Safety	IEC/EN 62040-1-1, IEC 60950-1
Performance	IEC/EN 62040-3 IEC/EN62040-2 Class A, FCC Part 15 Subpart B
EMC	Class A, IEC/EN55011, CISPR11, IEC61000-4-2/- 3/-4/-5, IEC61000-2-2, IEC61000-3-2/-3
Markings	UL 1778 , FCC

Industry Leading Warranty and Protection



Orion Power Systems 37 Month Plus Gold Warranty

Orion Power Systems offers the longest standard warranty in the industry – an exclusive 37 month electronics / 24 month battery warranty (24 month electronics without registration). Not only that – it is a no-hassle warranty. If a ups system fails – simply call tech support and we will immediately send a replacement. Put the non-functional ups in the box and Orion will pick it up. Orion pays shipping both ways.



Lifetime \$ 150,000 Load Protection Guarantee

Protect your valuable equipment with \$ 150,000 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.



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