Online RT / RTX

From Orion Power Systems

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

Ideally suited for:
- Medical and lab equipment
- Data processing
- Network closets
- VOIP and Telecom
- Security recording devices

Product Snapshot

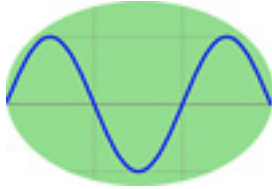|	
Power Rating	1000VA/800W
	1500VA/1200W
	2000VA/1600W
	3000VA/2400W
Input Voltage Range	55-150 VAC ± 5%
Output Voltage Range	100*/110*/115*/120 VAC
Frequency (HZ)	40Hz ~ 70Hz
Topology	True On-line Double Conversion
Configuration	Rack (2U) / Tower – pedestal and rack mount kit included

Key Features

- Rotating LCD display includes battery time remaining indicator, much more
- Remote control load segment allows remote rebooting of devices
- Automatic maintenance reminders reduce field failures
- Flexible form factor allows rack mounted or tower deployment
- Stay informed with Free monitoring software or optional SNMP management
- RTX version has available add-on battery modules
- 37 Month Plus Gold Warranty included standard
- Lifetime $ 150,000 Equipment Protection Policy

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Ultimate Power Quality

Ensure your sensitive equipment lasts longer and is more reliable by supplying it with quality power. The Online RT/RTX 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.
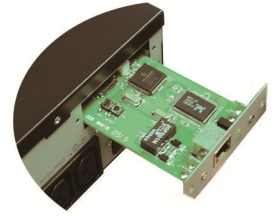
Advanced Communications

Online RT/RTX features advanced SNMP communications.
SNMP Monitoring includes
- Voltage in/out
- Battery Time remaining
- Power logs
- UPS specific information
- Remote outlet control
Receive alerts for via text or email for the following:
- On battery
- Battery Fail
- Battery change due
- UPS warranty expired
.. much more is available

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, runtime remaining in minutes, 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 RT / RTX Adapts to Your Needs

- Tower or Rack-mount installation
- With RTX models, 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

Online RT/RTX Runtime Chart (EBM only applies to RTX model)

Model	Load 25%	50%	75%	100%	Model	Load 25%	50%	75%	100%
DC1000RT / RTX	30	12	7	4	DC2000RT / RTX	29	12	7	4
+ 1 EBM	97.2	45.6	24.9	16.3	+ 1 EBM	66	32	18	12
+ 2 EBM	181.2	85.92	59.6	35.3	+ 2 EBM	143	72	49	31
+ 3 EBM	267.4	128.4	80.9	63.3	+ 3 EBM	224	109	72	54
+ 4 EBM	354.8	173.2	107.8	77.9	+ 4 EBM	306	153	94	70
Model	**25%**	**50%**	**75%**	**100%**	**Model**	**25%**	**50%**	**75%**	**100%**
DC1500RT / RTX	29	12	7	4	DC3000RT / RTX	36	13	7	4
+ 1 EBM	99.5	45.6	26.0	16.3	+ 1 EBM	70	32	18	12
+ 2 EBM	186.9	90.4	59.6	35.3	+ 2 EBM	148	75	49	31
+ 3 EBM	276.5	131.8	80.9	63.3	+ 3 EBM	233	111	74	55
+ 4 EBM	367.2	177.7	110.4	77.9	+ 4 EBM	318	154	95	72

Notes: Online RT does not accept external battery packs. Online RTX is designed to accept up to 4 external battery packs.

Online RT / RTX Model Selection Guide : 120V 50/60HZ

Model #	Rating (VA/Watts)	Input	Output Receptacles	Dim. HxWxD (in.)	Weight (lbs.)
DC1000RT	1000/800	5-15P	(6) 5-15R	3.5 (2U) x 18 x 15	30
DC1500RT	1500/1200	5-15P	(6) 5-15R	3.5 (2U) x 18 x 19	42
DC2000RT	2000/1600	5-20P	(8) 5-20R	3.5 (2U) x 18 x 24	48
DC3000RT	3000/2400	L5-30P	(4)5-20R (1) L5-30R	3.5 (2U) x 18 x 24	66
DC1000RTX	1000/800	5-15P	(6) 5-15R	3.5 (2U) x 18 x 15	30
DC1500RTX	1500/1200	5-15P	(6) 5-15R	3.5 (2U) x 18 x 19	42
DC2000RTX	2000/1600	5-20P	(8) 5-20R	3.5 (2U) x 18 x 24	48
DC3000RTX	3000/2400	L5-30P	(4)5-20R (1) L5-30R	3.5 (2U) x 18 x 24	66
Extended Battery Modules for RTX Models					
DC1000RTXEBM	For 1000 VA	N/A	N/A	3.5 (2U) x 18 x 15	40
DC1500RTXEBM	For 1500 VA	N/A	N/A	3.5 (2U) x 18 x 15	46
DC2000RTXEBM	For 2000 VA	N/A	N/A	3.5 (2U) x 18 x 19	66
DC3000RTXEBM	For 3000 VA	N/A	N/A	3.5 (2U) x 18 x 24	86
OPS-Railkit	N/A	N/A	N/A	N/A	3
OPS-SNMP3-WEBCARD	N/A	N/A	N/A	N/A	3

Specifications:

Electrical Input

Nominal Voltage	120V
Voltage Range	55-150 VAC ± 5%
Frequency (HZ)	40Hz ~ 70Hz
Power Factor	> .99 (Full Load)

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	Remote controlled load segment
Wave Form	True Sine Wave

Communications

Interface Type	1 *USB port+ 1*RS-232 port
SNMP(optional)	Power management from SNMP manager and Web browser
Monitoring / Shutdown Software	Windows Vista/7/8, 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

Markings	UL 1778 – tested by TUV , 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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