



## Online RT1/RTX1

Power Protection from 1000VA to 3000VA

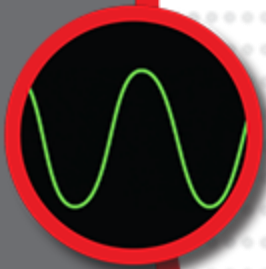
**IDEALLY SUITED FOR:**  
Medical and lab equipment  
Data processing  
Network closets  
VOIP and Telecom  
Security recording devices



## KEY FEATURES

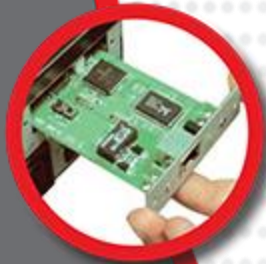
- ONE series high power factor inverter provides more output Watts per VA
- Rotating LCD display includes battery time remaining indicator and much more
- Remote control load segment allows remote rebooting of devices
- Automatic maintenance reminders reduce field failures
- Adjustable charger from 1 to 8 amps for long run times.
- Stay informed with Free monitoring Software or optional SNMP management
- RTX1 version has available add-on battery modules
- 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 RT1/RTX1 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 RT1/RTX1 features advanced SNMP communications. SNMP Monitoring includes voltage in/out, battery time remaining, power logs, UPS specific information, and remote outlet control. Receive alerts via text or email for the following: on battery, battery fail, battery change due, UPS warranty expired, and more.



## 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.

### 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	120V adjustable to 100/110/115/120/127
Voltage Regulation	± 1%
Frequency (Hz)	±0.1% (0.05 ~ 0.06Hz) unless
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
Monitoring/Shutdown Software	Windows Vista/7/8,10, 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
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## Online RT1 / RTX1 Adapts to Your Needs

- Tower or Rack-mount installation
- With RTX1 models, add backup time when needed with extended battery modules
- Load shedding allows shutdown of non-critical equipment during prolonged outages
- Adjustable output voltage to 100/110/115/120/127



### Online RT1/RTX1 Runtime Chart (EBM only applies to RTX1 model)

Model	Load (VA)				Model	Load (VA)			
	250	500	750	1000		500	1000	1500	2000
DC1000RT1 / RTX1	31	11.7	6.3	4	DC2000RT1 / RTX1	27	10	5.4	3.3
+ 1 EBM	128	53	31	21	+ 1 EBM	111	45	26	18
+ 2 EBM	240	101	60	42	+ 2 EBM	209	88	52	36
+ 3 EBM	361	154	93	64	+ 3 EBM	315	134	80	55
+ 4 EBM	489	211	127	88	+ 4 EBM	427	183	110	75

Model	Load (VA)				Model	Load (VA)			
	375	750	1125	1500		750	1500	2250	3000
DC1500RT1 / RTX1	27	10	5.4	3.3	DC3000RT1 / RTX1	27	10	5.4	3.3
+ 1 EBM	111	45	26	18	+ 1 EBM	111	45	26	18
+ 2 EBM	209	88	52	36	+ 2 EBM	209	88	52	36
+ 3 EBM	315	134	80	55	+ 3 EBM	315	134	80	55
+ 4 EBM	427	183	110	75	+ 4 EBM	427	183	110	75

Notes: Online RT1 does not accept external battery packs. Online RTX1 is designed to accept external battery packs. Runtime in minutes. For longer runtime applications, please contact Orion sales.



### Online RT1 / RTX1 Model Selection Guide : 100-127V 50/60HZ

Model #	Rating (VA/Watts) **	Input	Output Receptacles	Dim. HxWxD (in.)	Weight
DC1000RT1	1000/1000	5-15P	(8) 5-15R	3.5 (2U) x 18 x 17	35
DC1500RT1	1500/1430	5-15P	(8) 5-15R	3.5 (2U) x 18 x 17	38
DC2000RT1	2000/1930	5-20P	(8) 5-20R	3.5 (2U) x 18 x 21	43
DC3000RT1	3000/2850	L5-30P	(8)5-20R (1) L5-30R	3.5 (2U) x 18 x 25	61
DC1000RTX1	1000/1000	5-15P	(8) 5-15R	3.5 (2U) x 18 x 17	35
DC1500RTX1	1500/1430	5-15P	(8) 5-15R	3.5 (2U) x 18 x 17	38
DC2000RTX1	2000/1930	5-20P	(8) 5-20R	3.5 (2U) x 18 x 21	43
DC3000RTX1	3000/2850	L5-30P	(8)5-20R (1) L5-30R	3.5 (2U) x 18 x 25	61

### Extended Battery Modules and Options

DC1000RTX1EBM	For 1000 VA	N/A	N/A	3.5 (2U) x 18 x 15	38
DC1500RTX1EBM	For 1500 VA	N/A	N/A	3.5 (2U) x 18 x 15	46
DC2000RTX1EBM	For 2000 VA	N/A	N/A	3.5 (2U) x 18 x 19	66
DC3000RTX1EBM	For 3000 VA	N/A	N/A	3.5 (2U) x 18 x 25	86
OPS-SNMP3-WEBCARD	Network card	N/A	N/A	N/A	3
OPS-Railkit	4 post rack supports	N/A	N/A	N/A	5
OPS-Relay3	Relay card	N/A	N/A	N/A	3
OPS-EMP3	Environmental monitoring *	N/A	N/A	N/A	3

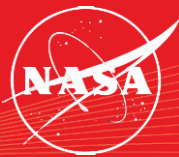
\* Requires SNMP card

\*\* Wattage rating at 125VAC



Orion Power Systems manufactures ups systems from 550va to 120kVA along with power strips, surge suppression, and communication accessories. Professionals in the IT , security, and telecommunications industries count on Orion Power Systems to provide power protection that is reliable and on budget.

If you rely on clean power  
you can rely on Orion....  
Just like these clients



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