ORION
Power Systems

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 covers electronics and battery
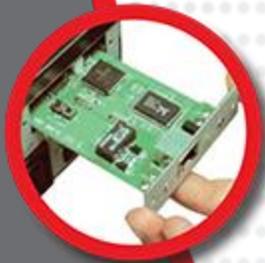
Lifetime $ 150,000 Equipment Protection Policy

LOAD PROTECTION
GUARANTEE
37 PLUS GOLD WARRANTY MONTH

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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 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

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		Communications	
Nominal Voltage	120V or 208V	Interface Type	1 *USB port+ 1*RS- 232 port
Voltage Range	55-150 VAC ± 5%	SNMP (Optional)	Power management from SNMP
	160-300 VAC +/- 5% 208V		
Frequency(HZ)	40hz~ 70Hz	Monitoring/Shutdown	Windows Vista/7/8,10, Linux, etc.
Power Factor	>.99 (Full load)	Software	Included at no charge
Electrical Output		**Environmental**	
Output Voltage	(120V) 100/110/115/120/127V	Operation Temperature	0-40 C
	(208V) 208/220/230/240V		
Voltage Regulation	≤± 1%	Noise Level	<50dBA
Frequency (Hz)	±0.1% (0.05 ~ 0.06Hz) unless	Relative Humidity	0 to 90% (without condensation)
Power Factor	>.99 (Full load)	**Standards and Certification**	
Load Segments	Remote controlled load segment	Markings	UL 1778 - tested by TUV, FCC
Wave Form	True Sine Wave		

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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 (120V) 100/110/115/120/127 VAC or
  (208V) 208/220/230/240 VAC
- Auto restart after battery depletion from extended outage

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

Model	Load (VA) 250	500	750	1000	Model	Load (VA) 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	375	750	1125	1500	Model	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. * Runtime also applies to DC3000RTX1HV

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
DC3000RTX1HV ***	3000/3000	C20	(8) C13 (1) C19	3.5 (2U) x 18 x 25	61

Extended Battery Modules and Options

Model	Rating	Input	Output	Dim	Weight
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

*** 208-240VAC Includes 8ft C19 to L6-20P input line cord standard

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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....
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