

Online SCR 6-10kVA

Orion Power Systems

Mission Critical Power Protection from 6kVA to 10kVA



Orion Power Systems Online SCR 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	6000VA/4200W 10000VA/7000W
Input Voltage Range	160-280 VAC
Output Voltage Range	120/208/240V
Frequency (HZ)	45-65HZ
Topology	True On-line Double Conversion
Configuration	Rack / Tower – pedestal and rack handles included

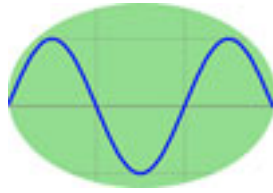
Features

- Protect valuable equipment with tight voltage regulation and pure sine wave output.
- 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 Load Protection Guarantee



Ultimate Power Quality

Ensure your sensitive equipment lasts longer and is more reliable by supplying it with quality power. The Online SCR series uses double conversion technology to regulate voltage +/- 2% and outputs a pure sine wave. During a power outage, there is no transfer time when going to battery power.



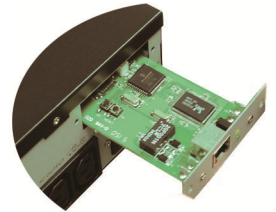
LCD Display

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.



Communications

Online SCR keeps you in the know with Free monitoring and shutdown software. 2 option slots allow communication via Web/SNMP and relay contact cards.



Transformer and Bypass Cabinets

Online SCR features a modular design to allow flexibility and easy maintenance.

System Components:

UPS Electronics Module

208V input / output

+

Battery Cabinet

+

Transformer/ Bypass Cabinet*

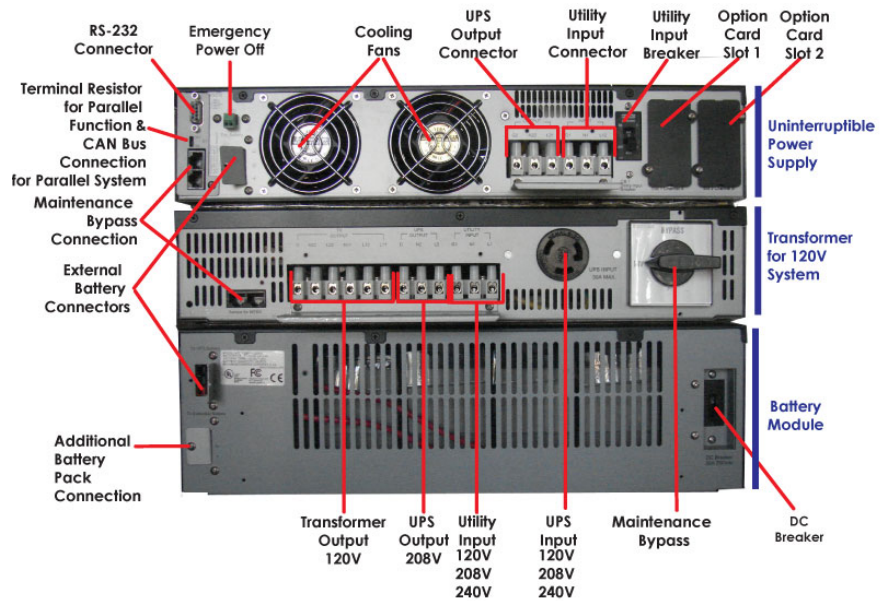
Provides 120V output
Maintenance bypass

+

Receptacle Box*

(1)L6-30R (1)L6-20R (4)6-20R
OR
(1)L6-30R (1)L5-30R (2)5-20R

* Optional components



Battery Backup time in Minutes *

Load (VA/Watts)	Internal Batteries	1 EBM	2 EBM	3 EBM	4 EBM	5EBM
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SCR6000U						
6000VA / 4200W	0	8	22	38	56	75
3000VA / 2100W	0	22	56	95	137	180

SCR10000U						
10000VA/7000W	0	7	19	32	54	86
5000VA/3500W	0	15	39	67	112	176

* Runtimes are approximate and will vary based on battery age, temperature, etc.

Model Selection Guide : Online SCR Rack/Tower Models: 208/240V 50/60HZ

Model #	Rating (VA/Watts)	Input	Output Receptacles	Dim. HxWxD (in.)	Weight (lbs.)
SCR6000RT	6000/4200	Terminal	Terminal	3.5 (2U) x 18 x 26	53
SCR10000RT	10000/7000	Terminal	Terminal	5.25 (3U) x 18 x 26	61.3
SCR6000RT-B	Battery Module	N/A	N/A	5.25(3U) x 18 x 26	149
SCR10000RT-B	Battery Module	N/A	N/A	5.25(3U) x 18 x 26	169
SCR6000RT-XM	6kVA Transformer and bypass module	Terminal	Terminal	3.5 (2U) x 18 x 26	93
SCR10000RT-XM	10kVA transformer and bypass module	Terminal	Terminal	3.5 (2U) x 18 x 26	93
SCR-PDU-208	6kVA	HW	(1)L6-30R (1)L6-20R (4)6-20R	3.4 x 13 x 2.6	7
SCR-PDU-120	6kVA	HW	(1)L6-30R (1)L5-30R (2)5-20R	3.4 x 13 x 2.6	7
OPS-Railkit	N/A	N/A	N/A	3.5 x 3.5 x 21	3

Specifications:

Electrical Input

Nominal Voltage	208V
Voltage Range	160 -280 VAC
Frequency (HZ)	45 – 65HZ
Power Factor	Up to .99 at 100% linear load

Electrical Output

Output Voltage	200/208/220/230/240 VAC Selectable (120/208V Optional)
Voltage Regulation	≤± 2%
Frequency (HZ)	±0.1% , +/- 3% (programmable by user)
Power Factor	.7 lagging
Efficiency	90 % (AC to AC, Normal)
Wave Form	True Sine Wave

Communications

Interface Type SNMP(optional)	2 *Card slots+ 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

Quality	Manufactured in ISO:9001 facility
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 \$ 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.



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