



SCR3 Series

Modular-Scalable-Redundant from 6-20KVA



KEY FEATURES

Modular design allows fast and easy repair and maintenance.

Scalable design allows you to pay as you grow

Redundant design allows N+X operation

37 Month Warranty included standard

Advanced Communication with USB, RS-232, and optional SNMP management.

+/- 2% voltage regulation with Pure Sine Wave Output

Crystal clear LCD display

Unity power factor provides more real power

Rack / Tower form factor fits any application

Eco-Mode allows up to 97% efficiency

Clean Power Quality

Ensure your sensitive equipment lasts longer and is more reliable by supplying it with quality power. The SCR3 Series uses double conversion technology to provide +/- 1 % voltage regulation and pure sine wave at all times.

Advanced Communications

SCR3 Series features advanced SNMP communications. SNMP monitoring includes voltage in/out, battery capacity 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, 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, battery capacity, load level, and more.

Modular Design

Maintenance is easy and inexpensive with SCR3 Modular design features. SCR3 saves money on maintenance and reduces mean time to repair.

Specifications:

Electrical Input

Nominal Voltage	208/ 220 / 230/ 240 VAC
Voltage Range	110-300VAC up to 60% load 140-300VAC 60-80% load 176-300VAC up to 80-100% load
Frequency(HZ)	46-54Hz or 56-64Hz
Power Factor	>.99 (Full load)

Electrical Output

Output Voltage	208/ 220 / 230/ 240 VAC
Voltage Regulation	± 2% (Batt mode)
Frequency (Hz)	±0.1% (0.05 ~ 0.06Hz) unless synchronized to line
Transfer Time	Zero
Efficiency	97% ECO mode 94% AC mode 91% Batt Mode
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/7/8,10, Linux, etc. Included at no charge

Environmental

Operation Temperature	0-40 C
Noise Level	<55dBA
Relative Humidity	20 to 90% (without condensation)

Standards and Certification

Markings	UL 1778 - tested by TUV, FCC
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SCR3 Series

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SCR3 Series Adapts to Your Needs

- Modular design allows easy capacity or runtime expansion
- External battery cabinets provide long runtimes
- Flexible communications via built in USB and serial port
- Optional SNMP card allows monitoring and control over the network
- Space saving design with Built in Maintenance Bypass



Online SCR3 Runtime Chart

		Load (Watts)													
Model		1000	2000	3000	4000	5000	6000	Model		1000	2000	3000	4000	5000	6000
SCR3-6000RT								SCR3-6000RT							
+ 1 SCR3-192EBM6K		45	17	9	6	4	3	+ 1 SCR3-240EBM6K		60	24	13	8	6	4
+ 2 SCR3-192EBM6K		110	45	26	17	12	9	+ 2 SCR3-240EBM6K		145	60	35	24	17	13
+ 3 SCR3-192EBM6K		182	76	45	30	22	17	+ 3 SCR3-240EBM6K		240	101	60	41	30	24
+ 4 SCR3-192EBM6K		260	110	65	45	33	26	+ 4 SCR3-240EBM6K		341	145	87	60	45	35
Model		2000	4000	6000	8000	10000		Model		2000	4000	6000	8000	10000	
SCR3-10000RT								SCR3-10000RT							
+ 1 SCR3-192EBM10K		25	9	5	3	2		+ 1 SCR3-240EBM10K		33	12	7	4	3	
+ 2 SCR3-192EBM10K		62	25	14	9	N/A		+ 2 SCR3-240EBM10K		83	33	19	12	9	
+ 3 SCR3-192EBM10K		105	43	25	16	N/A		+ 3 SCR3-240EBM10K		139	57	33	22	16	
+ 4 SCR3-192EBM10K		150	62	36	25	N/A		+ 4 SCR3-240EBM10K		198	83	49	33	25	

Runtime in minutes. 6000VA uses 7AH and 10000VA uses 9AH.

SCR3 Series is de-rated to .8PF when 192 VDC battery pack is used.

Online SCR3 Model Selection Guide : 200-240V 50/60HZ

Model #	Rating (VA/Watts)	Input	Output Receptacles	Dim. HxWxD (in.)	Weight (lbs.)
SCR3-6000RT	6000/6000	Hardwire	Hardwire	3.5 (2U) x 18 x 24	44
SCR3-6000RTSW	6000/6000	L6-30P	(2) L6-30R	3.5 (2U) x 18 x 28	44
SCR3-10000RT	10000/10000	Hardwire	Hardwire	3.5 (2U) x 18 x 28	52
SCR3-6000RTXFR	6000/6000	Hardwire	Hardwire	5.25 (3U) x 18 x 23	145
SCR3-6000RTXFR	6000/6000	Hardwire	Hardwire	5.25 (3U) x 18 x 23	145
SCR3-6000RTXFRSW	6000/6000	L6-30P	L14-30R	5.25 (3U) x 18 x 23	145
SCR3-10000RTXFR	10000/10000	Hardwire	Hardwire	5.25 (3U) x 18 x 27	152
SCR3-20kVA	20000/20000	Hardwire	Hardwire	10.5 (6U) x 18 x 27	354

SCR3-6000RTSW includes SCR3-MBSM-6KSW.



SCR3 Series Adapts to Your Needs

Extended Battery Modules and Options

SCR3-192EBM6K	192VDC	Hardwire	Hardwire	3.5 (2U) x 18 x 28	116
SCR3-192EBM10K	192VDC	Hardwire	Hardwire	3.5 (2U) x 18 x 28	116
SCR3-240EBM6K	240VDC	Hardwire	Hardwire	5.25 (3U) x 18 x 24	145
SCR3-240EBM10K	240VDC	Hardwire	Hardwire	5.25 (3U) x 18 x 24	145
SCR3-MBSM-6K	Up to 1000VA	Hardwired	Hardwired	5.25 (3U) x 17.25 x 4	11
SCR3-MBSM-6KSW	6000VA	L6-30P	L6-30R	5.25 (3U) x 17.25 x 4	11
SCR3-PDU6K1	6000VA/6000W	L14-30P	(8)5-15/20R, (2)L6-20R,(2)L6-30R (1)L5-20R	5.25 (3U) x 17.25 x 4	11
SCR3-PDU6K2	6000VA/6000W	L6-30P	(2)L6-20R,(3) L6-30R	5.25 (3U) x 17.25 x 4	11
SCR3-PDU10K1	10000VA/10000W	HW	(8)5-15/20R, (2)L6-20R,(2)L6-30R (1)L5-20R	5.25 (3U) x 17.25 x 4	11
OPS-SCR3-Railkit	N/A	N/A	N/A	N/A	9
OPS-SNMP4-WEBCARD	Network card	N/A	N/A	N/A	3
OPS-Relay3	Relay card	N/A	N/A	N/A	3
OPS-EMP4 *	Environmental monitoring *	N/A	N/A	N/A	3

* Requires SNMP card

Special notes: UPS module does not have internal batteries. Must order at least one EBM.

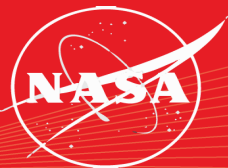
Derate power factor to .9 when more than one 192V EBM is used.

Receptacle and PDU options expected available July 2019.



Orion Power Systems manufactures ups systems from 625va 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.

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you can rely on Orion....
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