

# Online SCR2 6-10kVA

Orion Power Systems

Mission Critical Power Protection from 6kVA to 10kVA



**Orion Power Systems Online SCR2 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**

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|                             |   |
|-----------------------------|---|
| <b>Power Rating</b>         | 6000VA/4200W – Split Phase<br>10000VA/8000W – Split Phase |
| <b>Input Voltage Range</b>  | 0-140 VAC L-N   |
| <b>Output Voltage Range</b> | 120/208/240V  |
| <b>Frequency (HZ)</b>       | 40-70HZ   |
| <b>Topology</b>             | True On-line Double Conversion                            |
| <b>Configuration</b>        | Rack / Tower – pedestal and rack handles included         |

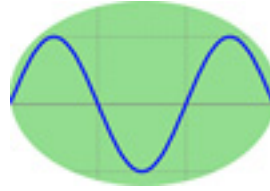
## **Features**

- 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
- LED display provides instant information and control of UPS
- 37 Month Plus Gold Plus Warranty included standard
- Lifetime \$150,000 Load Protection Guarantee



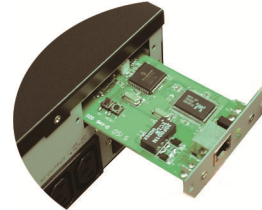
## Ultimate Power Quality

Ensure your sensitive equipment lasts longer and is more reliable by supplying it with quality power. The Online SCR2 series uses double conversion technology to regulate voltage +/- 3% and outputs a pure sine wave. During a power outage, there is no transfer time when going to battery power.



## Communications

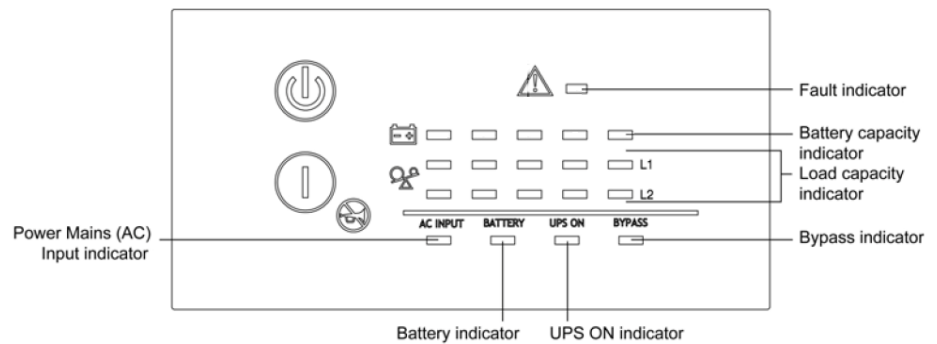
Online SCR2 keeps you in the know with Free monitoring and shutdown software. Option slot allows communication via Web/SNMP or relay contact cards.



## LED Display Panel

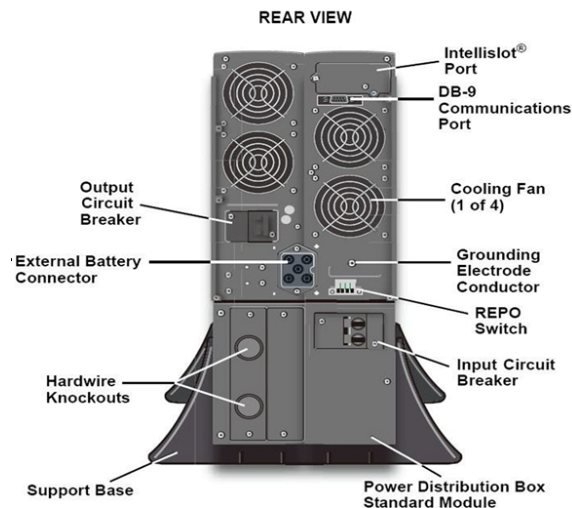
Simple yet informative LED display provides all you need to know in one glance.

- Load level
- Battery capacity
- UPS Status
- Fault condition
- Alarm silence
- On Bypass



## Rear Panel

Versatile design allows rack mounting or tower style configuration. Power Distribution Box allows multiple output types along with maintenance bypass. Transformer-less design reduces weight, increases efficiency, and makes installation and maintenance easy.



## Online SCR2 6 & 10kVA Model Selection Guide : 120V/208V/240V 50/60HZ

| Model #   | Rating (VA/Watts) | Input   | Output Receptacles                        | Dim. HxWxD (in.)        | Weight (lbs.) |
|---|-------------------|---------|---|-------------------------|---------------|
| SCR2-6000RT                                     | 6000/4200         | HW      | HW  | 7 (4U) x 16.9 x 20.55   | 85            |
| SCR2-10000RT                                    | 10000/8000        | HW      | HW  | 7 (4U) x 16.9 x 20.55   | 207           |
| SCR2-6KPD1                                      | 6000/4200         | L14-30P | (1)L6-20R<br>(2) 5-15/20R                 | 7 x 7 x 4.55            | 5             |
| SCR2-6KPD2                                      | 6000/4200         | L14-30P | (4)L5-20R<br>(1) L6-30R                   | 7 x 7 x 4.55            | 5             |
| SCR2-6KPD3                                      | 6000/4200         | L14-30P | (4) L6-20R                                | 7 x 7 x 4.55            | 5             |
| SCR2-10KPD1                                     | 10000/8000        | HW      | Backplate with<br>(4)L6-20R ,(4) 5-15/20R | 7 x 7 x 2               | 3             |
| SCR2-10KPD1                                     | 10000/8000        | HW      | Backplate with<br>(2)L6-30R ,(8) 5-15/20R | 7 x 7 x 2               | 3             |
| OPS-SNMP2-WEBCARD                               | N/A               | N/A     | N/A                                       | 1.5 x 3 x 7             | 2             |
| <b>Extended Battery Modules for SCR2 Models</b> |                   |         |   |                         |               |
| SCR2-6000RTEBM                                  | 144VDC            | N/A     | N/A                                       | 3.5 (2U) x 16.9 x 20.55 | 88            |
| SCR2-10000RTEBM                                 | 288VDC            | N/A     | N/A                                       | 7 (4U) x 16.9 x 20.55   | 175           |

### Specifications:

#### Electrical Input

|                        |   |
|------------------------|---|
| <b>Nominal Voltage</b> | 5.2 kVA / 4.2 kW 120/208 VAC at 120°<br>6.0 kVA / 4.2 kW 120/240 VAC at 180°<br>8.7 kVA / 8 kW 120/208 VAC at 120°<br>10 kVA / 8 kW 120/240 VAC at 180° |
| <b>Voltage Range</b>   | 0 - 150 VAC L-N   |
| <b>Frequency (HZ)</b>  | 40 - 70HZ   |

#### Electrical Output

|                           |   |
|---------------------------|---|
| <b>Output Voltage</b>     | 200/208/220/230/240 VAC<br>Selectable (120/208V Optional) |
| <b>Voltage Regulation</b> | ± 3%  |
| <b>Frequency (HZ)</b>     | ±0.1% , +/- 3% (programmable by user)                     |
| <b>Efficiency</b>         | > 88% (AC to AC, Normal)                                  |
| <b>Wave Form</b>          | True Sine Wave  |

#### Industry Leading Warranty and Protection

#### Communications

|                                       |  |
|---------------------------------------|--|
| <b>Interface Type</b>                 | 1 *Card slots+ 1*RS-232 port   |
| <b>SNMP(optional)</b>                 | Power management from SNMP manager and Web browser                                   |
| <b>Monitoring / Shutdown Software</b> | Windows 95/98/NT/2000/XP /Vista/7 Novell NetWare, Linux, etc. Included at no charge. |

#### Environmental

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

#### Standards and Certification

|          |                                   |
|----------|-----------------------------------|
| Quality  | Manufactured in ISO:9001 facility |
| Markings | UL 1778 , FCC                     |



#### 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. 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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