True Double-Conversion On-Line UPS

A true double conversion UPS will provide clean, high level quality power to fully protect mission-critical devices such as sensitive networks, small computer center servers, telecom applications, as well as for industrial applications.

Output Power Factor 0.9

UniStar Series V is a high-density UPS with an output power factor 0.9 to provide higher performance and efficiency to critical applications.

User-Friendly and Easy-Shift LCD Display

The front panel digital display can be easily shifted through LCD setting to suit the installation format, Tower or Rack mount

Rack/Tower Design

The Series V is designed in a true universal-mount case. It can be easily installed as a free-standing tower or in a 19-inch rackmount configuration.

Programmable Power Management Outlets

With programmable power management outlets, users can easily and independently control load segments. During power failure, this feature enables users to extend battery time to mission-critical devices by shutting down the non-critical devices.

50/60 Hz Frequency Converter Mode

Lock output frequency at 50Hz or 60Hz to suit power sensitive equipment.

ECO and Advanced ECO Mode for Energy Saving

It allows the UPS to operate in high efficiency up to 97% in energy-saving ECO mode. In this operation mode, load is supplied by the mains. In the event of a mains failure, the inverter takes over the load and provides supply continuity to the connected systems. The Series V even offers advanced ECO mode to allow UPS to operate at higher efficiency up to 98%.

Emergency Power Off Function (EPO)

This feature can secure the personnel and equipment in case of fires or other emergencies.

Hot-Swappable Battery Design

Ensures clean and uninterruptible power to protected equipment during battery replacement.
On-Line, Single Phase UPS System

The UniStar® V represents the latest in single-phase technology at an affordable price. Its true on-line performance provides a constant clean, steady sine wave safeguarding the most sensitive equipment.

Double Conversion

The UPS provides clean AC power with voltage and frequency independent from the utility. On-line technology completely regenerates utility power to correct electrical disturbances in the mains.

High-Efficiency and Protection

PWM sine-wave topology yields excellent overall performance. The high crest factor of the inverter handles all high in-rush current loads without the need to upgrade the power rating.

Applications

- Broadcast
- Processing Manufacturing (food/beverage, pharmaceutical, plastics, packaging)
- Water and Waste Water Treatment
- Hospitals/Medical
- Education/Research Laboratories

Wide frequency and voltage windows of 40-70Hz and 55-150Vac (for 120Vac input), or 110-300Vac (for 230Vac input), are provided, which help to extend the life of the battery.

Near unity input power factor meets today’s industry standard for energy savings and efficiency with low current harmonic pollution to the utility.

To protect the unit from overloading, the UPS will automatically switch to bypass mode in 30 seconds if loading is at 105% – 120% of rated capacity. It will automatically switch back to inverter mode once overload condition ceases. Selectable bypass input voltage tolerance (low/high sensitivity) prevents under or over voltage being supplied to the loads while in bypass mode.

User Controls

An easy-to-read user-friendly LCD display provides real-time indication of all major system parameters and status, including load level, battery remaining, and fault signals for easy service.

Digital signal processing (DSP) also provides the UPS with powerful communication capability, which enhances the flexibility for easy remote control and monitoring.

Features

- **DC-start function** ensures the start-up of UPS even during power outages.
- **Programmable receptacles** offer the capability to load shed during any power interruption, while in battery power mode or during overload condition, via the use of special communication software provided, thus reserving backup power for priority loads.
- **Emergency shutdown control** through EPO allows users to shutdown the UPS completely in an emergency to ensure a safe operating environment.
Communication software allows not only the control of the UPS and its smooth shutdown when utility fails, but also allows the user to:

- Completely test the major operating functions of the UPS
- Communicate via SNMP/Web/Network adapter
- Access UPS functions via the Web
- Alert users via SMS messages against specific events

Custom options slot allows further flexibility in network configuration.

An internal WEB/SNMP card, USB card, and True Relay card provide isolated contacts for industrial and remote alarm panel application.

User-friendly Plug-and-Play design allows hassle-free installation. All units up to 3000VA are supplied with input cables and output receptacles as standard.

Innovative battery management circuit analyzes battery discharging status to adjust battery cut-off point and extend the batteries’ life span.

Internal maintenance-free sealed VRLA batteries minimizes the need for frequent after-sales service. The hot swappable battery feature allows users to replace the batteries without the hazard of electric shock, while the UPS supplies power continuously to critical load applications.

Built-in Charger provides ability to re-charge internal battery to approximately 90% in four hours. Matching battery cabinets are available to extend the UPS runtime easily to several hours.

Optional extended runtime capability by simply connecting additional battery packs. Just plug in the battery connectors between the UPS and battery packs without the requirement for additional chargers.

Extended run time battery packs are available for all models. Size, capacity, and estimated run times are shown in the table below. Back-up time is for the battery pack used with the UPS internal batteries. Battery packs are external and hot swappable.

Optional Make-Before-Break Bypass Switch—manually operated, external—ensures continuous supply of power to the critical load in the event of unexpected or scheduled maintenance.

Three Year Warranty

Electronics:
A full Three Year parts with depot repair or replacement warranty is standard.

Battery:
A full One Year Warranty on the Battery System ensures that your batteries are protected from system failure now and in the future. (Warranty provided by battery manufacturer.) Extended warranties, customized service plans and preventative maintenance are also available. Please refer to our warranty statement for complete details.

Communication software allows not only the control of the UPS and its smooth shutdown when utility fails, but also allows the user to:

- Completely test the major operating functions of the UPS
- Communicate via SNMP/Web/Network adapter
- Access UPS functions via the Web
- Alert users via SMS messages against specific events

Optional Maintenance Bypass

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Rating</th>
<th>Input Connection</th>
<th>Output Receptacles</th>
</tr>
</thead>
<tbody>
<tr>
<td>USC-MBPDU-11RT</td>
<td>1000VA &amp; 900VA</td>
<td>Attached 6' Cord with 5-15P</td>
<td>(8) 5-15R</td>
</tr>
<tr>
<td>USC-MBPDU-21RT</td>
<td>2000VA &amp; 1700VA</td>
<td>Attached 6' Cord with 5-20P</td>
<td>(6) 5-15R &amp; (2) 5-20R</td>
</tr>
<tr>
<td>USC-MBPDU-31RT</td>
<td>3000VA &amp; 2500VA</td>
<td>Attached 6' Cord with L5-30P</td>
<td>(4) 5-15R &amp; (1) 5-30R</td>
</tr>
</tbody>
</table>

Dimensions: 3.50” H x 17.30” W x 3.00’’ (D) / [88.9 x 439.4 x 76.2]

UniStar V Series, Universal Rack/Tower Mount

120VAC, 1000VA, 2000VA & 3000VA & LB Models, 900VA, 1700VA & 2500VA

UPS On-line, Double-Conversion – LCD Panel, USB and RS-232 Standard

<table>
<thead>
<tr>
<th>Model Number</th>
<th>VA/Watts</th>
<th>Internal Battery (Minutes)</th>
<th>Input Cord</th>
<th>Output Connection</th>
<th>&quot;Dimensions H” x “W” x “D” / [mm]</th>
<th>&quot;Wt. lbs. / (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCV-10001</td>
<td>1000VA / 900W</td>
<td>2.7</td>
<td>5-15P</td>
<td>(4) 5-15R</td>
<td>3.39” x 17.24” x 16.44” (2U) / [86.2 x 438.0 x 417.5]</td>
<td>29 / (13)</td>
</tr>
<tr>
<td>SCV-20001</td>
<td>2000VA / 1800W</td>
<td>2.7</td>
<td>5-20P</td>
<td>(8) 5-20R</td>
<td>3.39” x 17.24” x 20.38” (2U) / [86.2 x 438.0 x 517.5]</td>
<td>47 / (21)</td>
</tr>
<tr>
<td>SCV-30001</td>
<td>3000VA / 2700W</td>
<td>2.7</td>
<td>L5-30P</td>
<td>(4) 5-20R &amp; (1) L5-30R</td>
<td>3.39” x 17.24” x 27.74” (2U) / [86.2 x 438.0 x 704.6]</td>
<td>65 / (29)</td>
</tr>
<tr>
<td>SCV-10001-LB</td>
<td>900VA / 810W</td>
<td>0</td>
<td>5-15P</td>
<td>(4) 5-15R</td>
<td>3.39” x 17.24” x 16.44” (2U) / [86.2 x 438.0 x 417.5]</td>
<td>20 / (9)</td>
</tr>
<tr>
<td>SCV-20001-LB</td>
<td>1700VA /1530W</td>
<td>0</td>
<td>5-20P</td>
<td>(8) 5-20R</td>
<td>3.39” x 17.24” x 20.38” (2U) / [86.2 x 438.0 x 517.5]</td>
<td>28 / (13)</td>
</tr>
<tr>
<td>SCV-30001-LB</td>
<td>2500VA / 2250W</td>
<td>0</td>
<td>L5-30P</td>
<td>(4) 5-20R &amp; (1) L5-30R</td>
<td>3.39” x 17.24” x 27.74” (2U) / [86.2 x 438.0 x 704.6]</td>
<td>33 / (15)</td>
</tr>
</tbody>
</table>

Standard Models: Maximum (1) External Battery Pack (SCV-BAT-1K, SCV-BAT-2K or SCV-BAT-3K)
LB Models: Maximum (5) External Battery Pack (SCV-BAT-1K, SCV-BAT-2K or SCV-BAT-3K)

Note: 1. LB Models do not have internal batteries.
2. Unit ships with bundled NetAgent 9 Shutdown Software.
3. All units ship with floor stand and rack mount hardware.

*Always reference Spec Control Drawing (SCD) for the most current & accurate dimensions and weights.
## Specification for 120/120VAC

<table>
<thead>
<tr>
<th>MODEL (SCV)</th>
<th>10001</th>
<th>10001-LB</th>
<th>20001</th>
<th>20001-LB</th>
<th>30001</th>
<th>30001-LB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity VA / Watts</td>
<td>1000 VA</td>
<td>900 VA</td>
<td>2000 VA</td>
<td>1700 VA</td>
<td>3000 VA</td>
<td>2500 VA</td>
</tr>
<tr>
<td></td>
<td>900 W</td>
<td>810W</td>
<td>1800 W</td>
<td>1530 W</td>
<td>2700 W</td>
<td>2250 W</td>
</tr>
</tbody>
</table>

### INPUT

- **Capacity**
  - **Rated Volts**: 100VAC-120VAC
  - **Low Transfer** Low Voltage 80 VAC/70 VAC/60 VAC/55 VAC ± 5 % (based on load percentage 100%-80% / 80%-70% / 70%-60% / 60%-0)
  - **Re-Transfer** Low Voltage Re-Transfer 85 VAC/75 VAC/65 VAC/60 VAC ± 5 %
  - **High Transfer** High Voltage 150 VAC ± 5 %
  - **Re-Transfer** High Voltage Re-Transfer 142 VAC ± 5 %
  - **Frequency Range**: 50Hz / 60Hz
  - **Power Factor**: >0.99 @nominal voltage

### OUTPUT

- **Output Voltage**: 100*/110*/115*/120VAC
- **AC Voltage Regulation**: ± 1%
- **Frequency Range**: 47 ~ 53 Hz or 57 ~ 63 Hz (Synchronized Range)
- **Frequency Range**: 50Hz ± 0.5% or 60Hz ± 0.5% (Bat. Mode)
- **Current Crest Ratio (CF)**: 5:1 (max.)
- **Harmonic Distortion (THDU)**: ≤ 2% (Linear load) \(8\%\) max (Battery mode before shut down)
- **Transfer Time AC to DC**: Zero
- **Inv. to Bypass**: 4 ms (Typical)
- **Waveform (Battery Mode)**: Pure Sinewave

### EFFICIENCY

- **AC Mode**: 86% (typical), 88% (peak)
- **Battery Mode**: 85% (typical), 88% (peak)

### BATTERY (NON-LB MODELS)

- **Battery Type (Full Load)**
  - (2) 12V/9Ah No Internal
  - (4) 12V/9Ah No Internal
  - (6) 12V/9Ah No Internal
- **Battery Time (Full Load)**
  - 2.7 hours
  - 0 hours
  - 2.7 hours
- **Typical Recharge Time**: 4 hours recover to 90% capacity (for Non-LB models only)
- **Charging Current (max.)**: 1 Amp, 6 Amp
- **Charging Voltage**: 27.4 VDC ± 1%, 54.7 VDC ± 1%, 82.1 VDC ± 1%

### LCD DISPLAY

- **Status**: Load level 0-25%, 26-50%, 51-75% and 76-100%, Low Battery and Battery Good, Programmable Management
- **Readings**: Input Voltage and Frequency, Output Voltage and Frequency, Battery Backup Time (hours/minutes), Fault Indicator, Battery Voltage, Overload, and/or UPS Output is short circuited.
- **Control/Select Buttons**: Off/Enter - Turn UPS Off, Switch LCD Message, Mode Settings, Navigation Key, On/Mute + Select Button to switch to Bypass Mode.

### AUDIBLE & VISUAL ALARMS

- **Warning Indicators**: Low battery, Overload, Battery Not Connected, Overcharge, Site Wiring Fault, EPO Enabled, Over Temperature, Charger Failure, Battery Fault, Bypass Out of Range and Bypass Frequency Unstable

### **PHYSICAL WEIGHT & DIMENSIONS H" x W" x D" / [mm]**

<table>
<thead>
<tr>
<th>Rack Mount</th>
<th>Tower</th>
<th>Net Weight lbs. / (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.39&quot; x 17.24&quot; x 16.44&quot; (2U)</td>
<td>17.24&quot; x 3.39&quot; x 16.44&quot; (2U)</td>
<td>29 / (13)</td>
</tr>
<tr>
<td>[86.2 x 438.0 x 417.5]</td>
<td>[438.0 x 86.2 x 417.5]</td>
<td>20 / (9)</td>
</tr>
<tr>
<td>3.39&quot; x 17.24&quot; x 20.38&quot; (2U)</td>
<td>17.24&quot; x 3.39&quot; x 20.38&quot; (2U)</td>
<td>47 / (21)</td>
</tr>
<tr>
<td>[86.2 x 438.0 x 517.5]</td>
<td>[438.0 x 86.2 x 517.5]</td>
<td>28 / (13)</td>
</tr>
<tr>
<td>3.39&quot; x 17.24&quot; x 27.74&quot; (2U)</td>
<td>17.24&quot; x 3.39&quot; x 27.74&quot; (2U)</td>
<td>65 / (29)</td>
</tr>
<tr>
<td>[86.2 x 438.0 x 704.6]</td>
<td>[438.0 x 86.2 x 704.6]</td>
<td>33 / (15)</td>
</tr>
</tbody>
</table>

### ENVIRONMENT (Electronics)

- **Operating**: 32°F (0°C) to 104°F (40°C)
- **Humidity**: 20-90 % RH (non-condensing)
- **Storage**: -13°F (-25°C) to 104°F (40°C)
- **BATTERIES (REFRESH Charge @ 3 months)**

### MANAGEMENT / COMMUNICATION

- **Smart RS-232/USB**: Supports Windows 2000/2003/XP/Vista/2008/7, Linux, Unix, and MAC
- **Optional SNMP Card**: Power management from SNMP manager and web browser
- **Optional MODBUS Card**: Communications from MODBUS
- **Optional AS400 Card**: With DB9 or 9 Pin Connector

### AGENCY

- **Listing**: UL1778/cUL, UL1778/cUL, UL1778/cUL, UL1778/cUL, UL1778/CE/cUL, UL1778/CE/cUL

*Derate capacity to 95% when the output voltage is adjusted to 115VAC. Derate capacity to 90% when the output voltage is adjusted to 110VAC. Derate capacity to 80% when the output voltage is adjusted to 100VAC.*

*Always reference Spec Control Drawing (SCD) for the most current & accurate dimensions and weights.*
## The UniStar® V Series Battery Run Time Charts

### Standard External Battery Run Time Chart - Minutes Used with UniStar V Series, 120 VAC, Universal Tower/Rack 1000VA, 2000VA & 3000VA

<table>
<thead>
<tr>
<th>UPS Rating</th>
<th>Part Number</th>
<th>Quantity Cabinets</th>
<th># Strings Internal/External</th>
<th>25% Load</th>
<th>50% Load</th>
<th>75% Load</th>
<th>100% Load</th>
<th>*Dimensions H&quot; x W&quot; x D&quot; / [mm]</th>
<th>Wt. lbs. / (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000VA Internal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3.39&quot; x 17.24&quot; x 17.04&quot; (2U)</td>
<td>38 / (17)</td>
</tr>
<tr>
<td>SCV-BAT-1K</td>
<td>1</td>
<td>1/2</td>
<td>25</td>
<td>10</td>
<td>5</td>
<td>2.7</td>
<td>3.39&quot; x 17.24&quot; x 17.04&quot; (2U)</td>
<td>38 / (17)</td>
<td></td>
</tr>
<tr>
<td>1700VA Internal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3.39&quot; x 17.24&quot; x 20.97&quot; (2U)</td>
<td>64 / (29)</td>
</tr>
<tr>
<td>SCV-BAT-2K</td>
<td>1</td>
<td>1/2</td>
<td>76</td>
<td>32</td>
<td>19</td>
<td>13</td>
<td>3.39&quot; x 17.24&quot; x 20.97&quot; (2U)</td>
<td>64 / (29)</td>
<td></td>
</tr>
<tr>
<td>2500VA Internal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3.39&quot; x 17.24&quot; x 25.70&quot; (2U)</td>
<td>91 / (41)</td>
</tr>
<tr>
<td>SCV-BAT-3K</td>
<td>1</td>
<td>1/2</td>
<td>102</td>
<td>40</td>
<td>25</td>
<td>18</td>
<td>3.39&quot; x 17.24&quot; x 25.70&quot; (2U)</td>
<td>91 / (41)</td>
<td></td>
</tr>
</tbody>
</table>

Note: 1. ONLY (1) Standard Battery Pack can be used on the SCV-X0002 Models without effecting recharge time. If (2) battery packs are used the recharge will take twice the time.
2. If longer run times are needed or future expansion is planned the LB Model is recommended.
3. Run times included total of internal and external battery strings.

*Always reference Spec Control Drawing (SCD) for the most current & accurate dimensions and weights

---

### Standard External Battery Run Time Chart - Minutes Used with UniStar V, 120VAC, LB Models, Universal Rack/Tower 900VA, 1700VA & 2500VA

<table>
<thead>
<tr>
<th>UPS Rating</th>
<th>Part Number</th>
<th>Quantity Cabinets</th>
<th># Strings Internal/External</th>
<th>25% Load</th>
<th>50% Load</th>
<th>75% Load</th>
<th>100% Load</th>
<th>*Dimensions H&quot; x W&quot; x D&quot; / [mm]</th>
<th>Wt. lbs. / (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>900VA Internal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3.39&quot; x 17.24&quot; x 17.04&quot; (2U)</td>
<td>38 / (17)</td>
</tr>
<tr>
<td>SCV-BAT-1K</td>
<td>1</td>
<td>1/2</td>
<td>70</td>
<td>28</td>
<td>16</td>
<td>10</td>
<td>3.39&quot; x 17.24&quot; x 17.04&quot; (2U)</td>
<td>38 / (17)</td>
<td></td>
</tr>
<tr>
<td>1700VA Internal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3.39&quot; x 17.24&quot; x 20.97&quot; (2U)</td>
<td>64 / (29)</td>
</tr>
<tr>
<td>SCV-BAT-2K</td>
<td>1</td>
<td>1/2</td>
<td>76</td>
<td>32</td>
<td>19</td>
<td>13</td>
<td>3.39&quot; x 17.24&quot; x 20.97&quot; (2U)</td>
<td>64 / (29)</td>
<td></td>
</tr>
<tr>
<td>2500VA Internal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3.39&quot; x 17.24&quot; x 25.70&quot; (2U)</td>
<td>91 / (41)</td>
</tr>
<tr>
<td>SCV-BAT-3K</td>
<td>1</td>
<td>1/2</td>
<td>102</td>
<td>40</td>
<td>25</td>
<td>18</td>
<td>3.39&quot; x 17.24&quot; x 25.70&quot; (2U)</td>
<td>91 / (41)</td>
<td></td>
</tr>
</tbody>
</table>

Note: Weights include the total of all cabinets.

*Always reference Spec Control Drawing (SCD) for the most current & accurate dimensions and weights
### The UniStar® V Series Battery Run Time Charts (Continued)

Extended Battery Run Time Chart - Minutes Used with UniStar V, 120VAC, LB Models, Universal Rack/Tower 900VA, 1700VA & 2500VA

<table>
<thead>
<tr>
<th>UPS Rating</th>
<th>Part Number</th>
<th>Quantity</th>
<th>Cabinets</th>
<th>Strings</th>
<th>25% Load</th>
<th>50% Load</th>
<th>75% Load</th>
<th>100% Load</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HR1225W Batteries per string</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>900VA</td>
<td>SCV-BAT-51-1K-1</td>
<td>1</td>
<td>1</td>
<td>51</td>
<td>23</td>
<td>13</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-1K-2</td>
<td>1</td>
<td>2</td>
<td>51</td>
<td>32</td>
<td>23</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-1K-3</td>
<td>1</td>
<td>3</td>
<td>51</td>
<td>37</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-1K-4</td>
<td>1</td>
<td>4</td>
<td>76</td>
<td>51</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-1K-5</td>
<td>1</td>
<td>5</td>
<td>68</td>
<td>51</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-1K-6</td>
<td>1</td>
<td>6</td>
<td>98</td>
<td>68</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-1K-7</td>
<td>1</td>
<td>7</td>
<td>118</td>
<td>98</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-1K-8</td>
<td>1</td>
<td>8</td>
<td>140</td>
<td>118</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1700VA</td>
<td>SCV-BAT-51-2K-1</td>
<td>1</td>
<td>1</td>
<td>54</td>
<td>24</td>
<td>14</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-2K-2</td>
<td>1</td>
<td>2</td>
<td>54</td>
<td>34</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-2K-3</td>
<td>1</td>
<td>3</td>
<td>54</td>
<td>34</td>
<td>40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-2K-4</td>
<td>1</td>
<td>4</td>
<td>85</td>
<td>54</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2500VA</td>
<td>SCV-BAT-51-3K-1</td>
<td>1</td>
<td>1</td>
<td>54</td>
<td>24</td>
<td>14</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-3K-2</td>
<td>1</td>
<td>2</td>
<td>54</td>
<td>34</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-3K-3</td>
<td>1</td>
<td>3</td>
<td>54</td>
<td>34</td>
<td>40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-3K-4</td>
<td>1</td>
<td>4</td>
<td>85</td>
<td>54</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-3K-5</td>
<td>1</td>
<td>5</td>
<td>68</td>
<td>51</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-3K-6</td>
<td>1</td>
<td>6</td>
<td>98</td>
<td>68</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-3K-7</td>
<td>1</td>
<td>7</td>
<td>118</td>
<td>98</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SCV-BAT-51-3K-8</td>
<td>1</td>
<td>8</td>
<td>140</td>
<td>118</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Note:
1. Battery Times are based on new batteries +/- 5%.
2. Extended Battery Packs are Hot Swappable, not individual batteries.
3. Weight includes total number of all cabinets.
5. *Always reference Spec Control Drawing (SCD) for the most current & accurate dimensions and weights*
Staco Service
Field Service Program

Staco specializes in providing choice and flexibility by developing tailored solutions for preventive and remedial maintenance services, as well as emergency repairs for all of our products. Staco Service is built upon a nationwide network of highly trained and motivated customer support engineers and technicians who can provide professional services and care throughout the life of your equipment.

Why Staco Energy Products?
Because we are your tailored power solutions provider!

Unique application design demands, harsh environment concerns, the need to meet non-standard physical space requirements—providing the “not so usual” is what we do best. From leading edge uninterruptible power supplies, power conditioners, power factor and harmonic correction equipment, to the world’s most stable voltage control systems, we have the technology you need to protect and manage your business, and the knowledge to make it work for you.

Since 1937, customers worldwide have relied on Staco Energy as their tailored solutions provider, to solve a wide range of electrical power problems. Headquartered in Dayton, Ohio, Staco Energy Products is a wholly owned subsidiary of Components Corporation of America, located in Dallas, Texas.

Contact Us:
US Toll Free: 866-261-1191
Phone: 937-253-1191
E-mail: sales@stacoenergy.com

For more information go to:
www.stacoenergy.com