There are four status indicators (lights) on the front panel of the Back-UPS (On Line, On Battery, Overload, and Replace Battery).

- **On Line (green)** - is lit whenever utility power is powering the Battery Backup outlets.
- **On Battery (yellow)** - is lit whenever the battery of the Back-UPS is powering equipment connected to the Battery Backup Outlets.
- **Overload (red)** - is lit whenever power demand has exceeded the capacity of the Back-UPS.
- **Replace Battery (red)** - is lit whenever the battery is near the end of its useful life, or if the battery is not connected (see above). A battery that is near the end of its useful life has insufficient run-time and should be replaced.

**Four Beeps Every 30 Seconds** - this alarm is sounded whenever the Battery Backup outlets are overloaded.

**Continuous Tone** - this alarm is sounded whenever the Battery Backup outlets are overloaded.

**Continuous Beeping** - this alarm is sounded whenever a low battery condition is reached. Battery run-time is very low. Promptly save any work in progress and exit all open applications. Shutdown the operating system, computer and the Back-UPS.

**Chirps for 1 Minute Every 5 Hours** - this alarm is sounded whenever the battery has failed the automatic diagnostic test.

**Continuous Beeping** - this alarm is sounded whenever the battery is near the end of its useful life, or if the battery is not connected (see above). A battery that is near the end of its useful life has insufficient run-time and should be replaced.

**Chirps for 1 Minute Every 5 Hours** - this alarm is sounded whenever the battery has failed the automatic diagnostic test.

**NOTE**: Macintosh Users - for full USB performance, use OS 9.2.2 or higher.

If Autoplay is not enabled on the computer, proceed as follows:

1. On the computer desktop of the display, double-click on My Computer.
2. Double-click on the CD-ROM drive icon and follow the on-screen instructions.

**SWITCH ON THE BACK-UPS**

There are four status indicators (lights) on the front panel of the Back-UPS (On Line, On Battery, Overload, and Replace Battery).

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- **Replace Battery (red)** - is lit whenever the battery is near the end of its useful life, or if the battery is not connected (see above). A battery that is near the end of its useful life has insufficient run-time and should be replaced.

When Self-Test has successfully completed, only the green On Line indicator will be lit.

If the internal battery cartridge is not connected (see Step 2 above), the green On Line indicator and red Replace Battery indicators will light. The Back-UPS will also emit a chirping sound.

Press the front panel Power ON/OFF switch and observe that the following events occur after pressing and releasing the switch:

- The green On Line indicator flashes. The yellow On Battery indicator lights while a Self-Test is being performed.
- When Self-Test has successfully completed, only the green On Line indicator will be lit.
- If the internal battery cartridge is not connected (see Step 2 above), the green On Line indicator and red Replace Battery indicators will light. The Back-UPS will also emit a chirping sound.

Press the front panel Power ON/OFF switch and observe that the following events occur after pressing and releasing the switch:

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- If the internal battery cartridge is not connected (see Step 2 above), the green On Line indicator and red Replace Battery indicators will light. The Back-UPS will also emit a chirping sound.

**SERVICE**

If the Back-UPS arrived damaged, notify the carrier.

If the Back-UPS requires service, do not return it to the dealer. The following steps should be taken:

1. Consult the Troubleshooting section to eliminate common problems.
2. If the problem persists, go to http://www.apc.com/support/.
3. If the problem still persists, contact APC Technical Support.
4. Have the Back-UPS model number, serial number and date of purchase available. Be prepared to troubleshoot the problem with an APC Technical Support representative. If this is not successful, APC will issue a Return Merchandise Authorization (RMA) number and a shipping address.

**INSTALL SOFTWARE ON COMPUTER**

Follow the on-screen instructions.

**OPERATING ENVIRONMENT**

- 32 - 104°F (0 - 40°C)
- 24 inches (60 cm)
- Input: 220-240V, 10A, 50-60Hz
- 10/100 Base-T or VOIP
The battery cartridge typically lasts 3-6 years, shorter if subjected to frequent outages or elevated temperatures. Order part number X0301 000 000 — X0252 999 999* for replacement. When ordering, please specify the replacement battery cartridge type number that exactly matches your existing cartridge. For more information about battery cartridge replacement, contact our Technical Support department.

LIMITED WARRANTY

The standard warranty is two (2) years from the date of purchase. APC's standard procedure is to replace the original unit with a factory reconditioned unit. Customers who must have the original unit back due to the assignment of a new unit may have their original units reconditioned and returned. If reconditioning is chosen, the original unit is shipped with the reconditioned unit. Customers may also choose to receive replacement parts for the original unit. If replacement parts are chosen, the original unit is not returned. If a reconditioned unit is received, the original unit becomes the property of APC. For more information about the warranty, contact our Technical Support department.

ORDER REPLACEMENT BATTERY CARTRIDGE

The battery cartridge typically lasts 3-6 years, shorter if subjected to frequent outages or elevated temperatures. Order part number RBC33 for 1000 VA models, or RBC33 for 1500 VA models.

TRANSFER VOLTAGE AND SENSITIVITY ADJUSTMENT

In situations where the Back-UPS or connected equipment appears too sensitive to input voltage, it may be necessary to adjust the transfer voltage. This is a simple task requiring use of the front panel pushbutton. To adjust the transfer voltage, proceed as follows:

1. Plug the Back-UPS into the utility power source. The Back-UPS will be in a Standby Mode (no indicators lit, no power to Battery Backup outlets).
2. Press the front panel pushbutton fully inward for 10 seconds. All indicators on the Back-UPS will flash to acknowledge going into Programming Mode.
3. The Back-UPS will then indicate its current Lower Transfer Voltage, as shown in the following table:

<table>
<thead>
<tr>
<th>Indicators Lit</th>
<th>Lower Transfer Voltage Sensitivity</th>
<th>Use When</th>
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<tbody>
<tr>
<td>1</td>
<td>Low</td>
<td>Use only for extreme conditions of low input voltage. Not recommended for computer loads.</td>
</tr>
<tr>
<td>2</td>
<td>Medium</td>
<td>Back-UPS frequently goes On Battery due to low input voltage.</td>
</tr>
<tr>
<td>3</td>
<td>High</td>
<td>Connected equipment is sensitive to low voltage (recommends).</td>
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4. To select 155 volts as the Lower Transfer Voltage, press the push button until 1 indicator is flashing.
5. To select 165 volts as the Lower Transfer Voltage, press the push button until 2 indicators are flashing.
6. To select 175 volts as the Lower Transfer Voltage, press the push button until 3 indicators are flashing.

Once in Programming Mode, if the pushbutton is not pressed within 5 seconds, the Back-UPS will exit Programming Mode; all indicators will extinguish.

The standard warranty is two (2) years from the date of purchase. APC's standard procedure is to replace the original unit with a factory reconditioned unit. Customers who must have the original unit back due to the assignment of a new unit may have their original units reconditioned and returned. If reconditioning is chosen, the original unit is shipped with the reconditioned unit. Customers may also choose to receive replacement parts for the original unit. If replacement parts are chosen, the original unit is not returned. If a reconditioned unit is received, the original unit becomes the property of APC. For more information about the warranty, contact our Technical Support department.

ORDER REPLACEMENT BATTERY CARTRIDGE

The battery cartridge typically lasts 3-6 years, shorter if subjected to frequent outages or elevated temperatures. Order part number RBC33 for 1000 VA models, or RBC33 for 1500 VA models.

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5. To select 165 volts as the Lower Transfer Voltage, press the push button until 2 indicators are flashing.
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Once in Programming Mode, if the pushbutton is not pressed within 5 seconds, the Back-UPS will exit Programming Mode; all indicators will extinguish.

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