**Basic Operation**

- **Power On Indicator**
  - This LED is illuminated when the utility power is normal and the UPS outlets are providing power, free of surges and spikes.
  - The LED will extinguish if the UPS is in Battery Mode.

- **Communication Protection Ports**
  - Designed to protect any standard modem, fax, telephone line, network or Ethernet connection (RJ11/RJ45).
  - The Coax/Cable/DSS surge protection ports protect any cable modem, CATV converter, or DSS receiver.

- **Input/Output**
  - The UPS does not perform power conditioning or provide any protection against power disruption.

- **A/VR**
  - The AVR permits the UPS to generate a consistent power output to your equipment.
  - The AVR is recommended to ensure that the battery's maximum power rating is not exceeded.

- **Inverter**
  - The UPS provides backup power to your equipment.
  - The inverter will automatically turn on if the utility power fails.

- **Battery**
  - The primary power source of the UPS.
  - The battery will automatically turn on if the utility power fails.

- **Normal Mode**
  - The UPS is operating on utility power.

- **Battery Mode**
  - The UPS is operating on battery power.

**Technical Specifications**

- **Input**
  - 110V/120V (47Hz - 63Hz)

- **Output**
  - 120V (47Hz - 63Hz)

- **Power Panel® Personal Edition Software**
  - This software communicates its status to the UPS.
  - The USB / serial cable is connected to the PowerPanel® software.

- **I/O Ports**
  - USB, RS-232, Ethernet, parallel, network, keyboard, mouse.

- **Warranty**
  - 2 years limited warranty.

**Troubleshooting**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The UPS does not perform expected function.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battery not fully charged</td>
<td></td>
<td>Charge the battery for 4 - 8 hours with the unit off or up to 100% for 24 hours.</td>
</tr>
<tr>
<td>Battery is worn out.</td>
<td></td>
<td>Contact CyberPower Systems for replacement battery.</td>
</tr>
<tr>
<td>The UPS will not turn on.</td>
<td></td>
<td>Connect the USB / serial cable to the UPS unit and an open USB / serial port on the back of the computer.</td>
</tr>
<tr>
<td>The unit is not connected to an AC outlet.</td>
<td></td>
<td>Contact CyberPower Systems for replacement battery.</td>
</tr>
<tr>
<td>The unit is not providing battery power.</td>
<td>Mechanical problem.</td>
<td>Contact CyberPower Systems for replacement battery.</td>
</tr>
<tr>
<td>The USB / serial cable is not connected.</td>
<td></td>
<td>Contact CyberPower Systems for replacement battery.</td>
</tr>
</tbody>
</table>

**Safety Instructions**

- **CAUTION!**
  - DO NOT USE FOR MEDICAL OR LIFE SUPPORT EQUIPMENT!
  - DO NOT USE FOR LIFE SUPPORT EQUIPMENT!

**Battery and Surge Protection**

- **Battery**
  - The UPS has four battery power-supply surge protection outlets for connected equipment to ensure temporary uninterrupted operation of your equipment during a power failure.
  - The UPS has four surge protection outlets which are always on.

- **Full-Time Surge Protection**
  - The UPS has four surge protection outlets which are always on.

- **Power Switch**
  - Press the power button to turn the UPS Off or On.

- **Troubleshooting**
  - Check the battery status indicator on the front panel.
  - Connect the USB / serial cable to the UPS unit and an open USB / serial port on the back of the computer.
  - Contact tech@cyberpowersystems.com for technical support.

**Important Safety Warnings**

- **CAUTION!**
  - DO NOT plug a laser printer, paper shredder, copier, space heater, vacuum, sump pump or other large electrical device into battery and surge protected outlets.
  - DO NOT plug a laser printer, paper shredder, copier, space heater, vacuum, sump pump or other large electrical device into battery and surge protected outlets.

**User's Manual**

- **User's Manual**
  - Contains instructions for installing, operating, and troubleshooting the UPS unit.
  - Includes software for monitoring and controlling the UPS unit.

**Unpacking Tips**

- **User's Manual**
  - Contains instructions for installing, operating, and troubleshooting the UPS unit.
  - Includes software for monitoring and controlling the UPS unit.

**Automatic Voltage Regulator (AVR)**

- **Automatic Voltage Regulator (AVR)**
  - The AVR maintains consistent, computer safe 110V/120V.
  - The unit's powerful battery will provide consistent power to your computer system.

**Installation of Your UPS System**

- **Installing Your UPS System**
  - Connect the USB / serial cable to the UPS unit and an open USB / serial port on the back of the computer.
  - Contact tech@cyberpowersystems.com for technical support.

**System Functional Block Diagram**

- **System Functional Block Diagram**
  - The UPS does not perform any filtering or regulation of the input voltage.
  - The UPS does not perform any filtering or regulation of the input voltage.

**How to Determine the Power Requirements of Your Equipment**

- **How to Determine the Power Requirements of Your Equipment**
  - Check the power requirements of the equipment you wish to protect.
  - Check the power requirements of the equipment you wish to protect.

**Hardware Installation Guide**

- **Hardware Installation Guide**
  - Power demands of these devices will overload and possibly damage the unit.
  - Power demands of these devices will overload and possibly damage the unit.

**Replacing the Battery**

- **Replacing the Battery**
  - Replacement of batteries located in an inactive area is recommended.
  - Replacement of batteries located in an inactive area is recommended.

**Troubleshooting**

- **Troubleshooting**
  - Battery failure indicator will illuminate when the battery voltage is low.
  - Battery failure indicator will illuminate when the battery voltage is low.

**Battery Specifications**

- **Battery Specifications**
  - Battery capacity: 24V, 5.5Ah (BP8-12 for CP685AVR-G) or 24V, 9Ah (HR1234W for CP825AVR-G).
  - Battery capacity: 24V, 5.5Ah (BP8-12 for CP685AVR-G) or 24V, 9Ah (HR1234W for CP825AVR-G).

**Battery Safety**

- **Battery Safety**
  - Battery failure indicator will illuminate when the battery voltage is low.
  - Battery failure indicator will illuminate when the battery voltage is low.

**Battery Life**

- **Battery Life**
  - Battery life: 3 years for CP685AVR-G; 4 years for CP825AVR-G.
  - Battery life: 3 years for CP685AVR-G; 4 years for CP825AVR-G.
This warranty covers the Product for three years and connected equipment for as long as you own the Product.

What is the Period of Coverage?
This warranty covers the Product for three years and connected equipment for as long as you own the Product.

What Are Some Things This Warranty Does Not Cover?
1. This Warranty does not apply unless the Product and the equipment that was connected to it were connected to properly wired and grounded outlets (including compliance with electrical and safety codes of the most current electrical code), unless the use of any adaptor or other connection.
2. The Product must have been plugged directly into the power source and the equipment connected to the Product must be directly connected to the Product and not "daisy-chained" together in serial fashion with any extension cords, another Product or device similar to the Product, surge suppressor, or power tap. Such an installation voids the Limited Warranty.
3. The Product and equipment connected to it must have been used in a suitable and proper environment and in conformance with any license, instruction manual, or warnings provided with the Product and the equipment connected to it.
4. The Product must have been used at all times within the limitations on the Product's Va./Vappl.

What Will We Do To Correct Problems?
1. Repair or replace the Product if it is determined to be defective.
2. Refund the full purchase price paid for the Product (purchase receipt showing price paid is required).

Who Is Covered?
This warranty only covers the original purchaser. Coverage ends if you sell or otherwise transfer the Product.

What are the Limitations?
The sole and exclusive remedies of the Initial Customer are those provided by this Warranty.

Who Provides this Warranty?
CyberPower will inspect and examine the Product.

What is the Fine Print?
CyberPower excludes any liability for direct, indirect, special, incidental or consequential damages, whether for damage to or loss of property [EXCEPT FOR (AND ONLY FOR) the specific limited agreement of CyberPower to provide certain warranty service (保修) under this Warranty], loss of profits, business interruption, or loss of information or data. SOME States or Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

How Long do I have To Make a Claim?
Any such installation voids the Limited Warranty.

What Do I Need to Do To Correct Problems?
1. Call us at (877) 297-6507 or write to us at CyberPower Systems (USA), Inc., 4241 12th Ave. E, STE 400, Shakespeare, MN 55379 or send us an e-mail message at claims@cyberpowersystems.com or visit our web site.
2. If you contact CyberPower, identify the Product, the Purchase Date, and the item(s) of Connected Equipment. Have information on all applicable insurance or other resources of recovery/payment that are available to the Initial Customer and Request a Claim Number.
3. You must provide a purchase receipt (or other proof of the original purchase) and provide a description of the defect.
4. Pack and ship the Product to CyberPower and, if requested, the item(s) of Connected Equipment, a repair cost estimate for the damage to the Connected Equipment, and all claim forms that CyberPower provides to you. Show the Claim Number on the shipping label or include it with the product. You must prepay all shipping costs, you are responsible for packaging and shipment, and you must pay the cost of the repair estimate.

Who Pays For Shipping?
We pay when we send items to you; you pay when you send items to us.

What What Will I Do To Correct Problems?
1. CyberPower will inspect and examine the Product.

If the Product is defective in material or workmanship, CyberPower will repair or replace it at CyberPower's expense, or, if CyberPower is unable to or decides not to repair or replace the Product (if defective) within a reasonable time, CyberPower will refund to you the full purchase price you paid for the Product (purchase receipt showing price paid is required).

If it appears that your Product failed to protect any equipment plugged into it, we will also send you forms for making your claim for the connected equipment. We will repair or replace the equipment that was damaged because of the failure of our Product or pay you the fair market value (NOT REPLACEMENT COSTS) of the equipment at the time of the damage. We will use On/line Blue Book, or another third-party valuation guide, or alby, co-op, or other source to establish that amount. Our maximum liability is limited to $125,000 for the CP685AVR-G and $200,000 for the CP825AVR-G.

What Are the Safety Approvals?
- UL1778
- CS6107
- FCC Class B
- Canada C-UL

The Product was designed to eliminate disrupting and damaging effects of momentary (less than 1ms) voltage spikes or impulses from lightning or other power transients. If it can be shown that a voltage spike lasting longer than 1ms has occurred, the occurrence will be deemed outside the rated capabilities of the Product and the Limited Warranty is void. CyberPower Does Not Cover or Undertake Any Liability in Any Event for Any of the Following:

- Loss of or damage to data, records, or software or the restoration of data or records, or the reinstallation of software.
- Damage from causes other than AC Power Line Transients, spikes, or surges on properly installed, grounded and circuit-compliant 120 Volt power lines in the United States and Canada, transients, surges or spikes on standard telephone line, PBX telephone equipment lines or Base 107 Ethernet line, when properly installed and connected. (This exclusion applies, for example, to fluctuations in data transmission or reception, or CATV or RF transmission or fluctuations, or by personnel in such transmission.)
- Damage from any circumstance described as excluded above with respect to the Product.
- Damage from the flood, wind, rain, rising water, leakage or breakdown of plumbing, abuse, misuse or alteration of either the product or the Connected Equipment.
- CyberPower excludes any liability for direct, indirect, special, incidental or consequential damages, whether for damage to or loss of property [EXCEPT FOR (AND ONLY FOR) the specific limited agreement of CyberPower to provide certain warranty service under this Warranty], loss of profits, business interruption, or loss of information or data. SOME States or Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.
- The Product is not in use in high-risk activities or with aquariums. The Product is not designed or intended for use in hazardous environments requiring fail-safe performance, or for use in any circumstance in which the failure of the Product could lead directly to death, personal injury, or severe physical or property damage, or that would affect operation or safety of any medical or life support device (collectively, "High Risk Activities"). CyberPower expressly disclaims any express or implied warranty of fitness for high Risk Activities or with aquariums. CyberPower does not authorize use of any Product in any High Risk Activities or with Aquariums. ANY SUCH USE IS IMPROPER AND IS A MISUSE OF THE PRODUCT.

What is the Fine Print?

CyberPower is the warrantor under this Limited Warranty.

For further information please feel free to contact CyberPower at CyberPower Systems (USA), Inc., 4241 12th Ave. E, STE 400, Shakespeare, MN 55379; call us at (877) 297-6507; or send us an e-mail message at claims@cyberpowersystems.com.

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