CYBERPOWER®
User’s Manual for CyberShield
CS24U12V
CS24U12V-12
CS30U12V-20

CyberShield UPSs are designed to provide a local power solution for cable telephony, wireless local loop (WLL), and fiber to the home (FTTH) broadband equipment.

**IMPORTANT SAFETY WARNINGS**
(SAVE THESE INSTRUCTIONS)

This manual contains important instructions regarding the installation and operation of this device. Read this manual thoroughly before attempting to unpack, install or operate this device.

**CAUTION:**
This product contains hazardous live parts inside when the AC input power is disconnected.

**WARNING:**
To prevent the risk of fire or electric shock, install in a temperature and humidity controlled indoor area, free of conductive contaminants. (Please see specifications for acceptable temperature and humidity range.)

**CAUTION:**
To reduce the risk of electric shock, do not remove the cover (or back panel) of the battery. The user has no serviceable parts inside the battery. Do not open or service the battery. The battery is sealed and maintenance-free.

**CAUTION:**
To avoid electric shock, turn off all the AC and DC power sources before accessing the battery or installing a complete computer system.

**ENCLOSURE INSTALLATION**

Carefully follow these instructions during installation of this device:

1. Choose a location that is far enough from the computer but that is not subject to noise or excessive vibrations.
2. The AC outlet the UPS is connected to must be accessible and near the UPS unit.
3. Do not place the UPS where AC power outages or excessive humidity are outside the specified limits. (Refer to specification in this manual.)

**OPERATION**

Current: Equipment and Power
Step 1: Plug the UPS power cord into the utility power outlet.
Step 2: Plug the UPS power cord into the wall outlet.

**CAUTION:**
This UPS battery charger when it is connected to utility power. The battery charger fully charges the battery in approximately 4 hours.

**COLD START**

The cold start feature is for operating power to the UPS and connected equipment when the UPS is off and it has no utility power. Before using the cold start feature, please make sure that the battery is charged. To start the cold start feature, press the recessed cold start button with a small pointed object.

**BATTERY REPLACEMENT**

This battery is not replaceable. As long as an utility power is on, you may leave the UPS and connected equipment on while replacing a new battery.

**WARNING INDICATOR**

This indicator light is visible. If the light is on, an utility power is on, you may leave the UPS and connected equipment on while replacing a new battery.

**Back Panel**

**SPECIFICATION**

<table>
<thead>
<tr>
<th>Model</th>
<th>Input</th>
<th>Frequency Range</th>
<th>Output</th>
<th>Voltage Range</th>
<th>Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS24U12V</td>
<td>90VAC - 264VAC</td>
<td>47-63 Hz</td>
<td>240V</td>
<td>-12V</td>
<td>75%</td>
</tr>
<tr>
<td>CS24U12V-12</td>
<td></td>
<td></td>
<td>240V ± 10%</td>
<td>-12V ± 10%</td>
<td></td>
</tr>
<tr>
<td>CS30U12V-20</td>
<td></td>
<td></td>
<td>200-240V~ 50-60Hz</td>
<td>-12V</td>
<td>75%</td>
</tr>
</tbody>
</table>

**LIMITED WARRANTY**

CyberPower warrants to the original Purchaser of a CyberPower UPS Product that the Product will be free from defects in material and workmanship for three years from the date of original purchase, subject to the terms of this Limited Warranty. CyberPower expressly disclaims any express or implied warranty of fitness for high risk activities. CyberPower does not authorize use of any PRODUCT for use in high-risk activities. The PRODUCT is not intended for use in high-risk activities. The PRODUCT is not intended for use in high-risk activities. The PRODUCT is not intended for use in high-risk activities. The PRODUCT is not intended for use in high-risk activities. The PRODUCT is not intended for use in high-risk activities. The PRODUCT is not intended for use in high-risk activities.

**FCC NOTICE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does clearly harm radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one of the following means:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/television technician for help.

**CAUTION:**

If you are using an electronic device that may be susceptible to interference, use an AC/DC power supply that is not susceptible to interference. If the equipment causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one of the following means:

1. Reorient or relocate the receiving antenna.
2. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
3. Consult the dealer or an experienced radio/television technician for help.

**WARNING:**

The battery can energize hazardous live parts inside even when the AC input power is disconnected. To reduce the risk of electric shock, do not remove the cover (or back panel) of the battery. The user has no serviceable parts inside the battery.

**WARNING:**
To start the cold start feature, press the recessed cold start button with a small pointed object. To reduce the risk of electric shock, do not remove the cover (or back panel) of the battery. The user has no serviceable parts inside the battery. Do not open or service the battery. The battery is sealed and maintenance-free.

**WARNING:**
The battery charges at a low rate.

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