LE825G / CP685AVR-G / CP825AVR-G
User’s Manual
K01-930006A-01

DESCRIPTION

1. Battery and Surge-Protected Outlets
   The unit has built-in battery (power-shutdown) outlets connected for equipment to ensure temporary uninterrupted operation of your equipment during a power failure. If a power failure occurs, DO NOT plug a laser printer, paper shredder, copier, space heater, vacuum cleaner, sump pump or any other large electrical device into battery and surge-protected outlets. The power demands of these devices would overload and possibly damage the unit. Full-Time Surge Protection Outlets
   The unit has four surge-protected outlets which are always ON.

2. Power On Indicator
   The LED is illuminated when the utility power is normal and the UPS outlets are providing power, free of surges and spikes.

3. Electrical Wiring Fault Indicator
   The LED indicator will illuminate to warn you that wiring problems exist, such as bad ground, missing ground or reversed wiring. If this is illuminated, it is recommended to disconnect all external equipment from the outlet and have an electrician verify the outlet is properly wired. The unit will not provide surge protection without being plugged into a grounded and properly wired wall outlet.

4. Communication Protection Ports
   Communication protection ports will protect any standard modem, fax, telephone line, network or Ethernet connection (RJ11/RJ45).

5. Circuit Breaker
   Located on the side of the UPS, the circuit breaker serves to provide overload and fault protection.

6. USB Port and Db-9 is a Contact Closure Port to PC
   This port allows communication and configuration between the USB or DB-9 port on the computer and the UPS unit. The UPS communicates its status to the PowerPanel® Personal Edition software.

7. Outlets Designated for AC Adapters
   The unit has four outlets designated to allow AC power adapter blocks to be plugged into the UPS without overloading or blocking adjacent outlets.

8. Coax/Cable/SS Surge Protection
   The Coax/Cable/SS surge protection ports will protect any coax cable reader, CATV converter, or OSS receiver.

REPLACING THE BATTERY

Replacement of batteries located in an OPERATOR ACCESS AREA:
1. When replacing batteries, replace with the same number of battery. RB1-380 for CP685AVR-G; RB1-380 for LE825G/CP685AVR-G.
2. CAUTION! Risk of Energy Hazard, 12V, maximum 8 (CP685AVR-G) or 9 (LE825G/CP685AVR-G) Ampere-hour battery. Before replacing batteries, remove conductive jewelry such as chains, wrist watches, and rings.
3. CAUTION! Do not dispose of batteries in a fire. The batteries may explode.
4. CAUTION! Do not open or mutilate batteries. Released material is harmful to the skin and eyes. It may be toxic.

TROUBLESHOOTING

Problem

Possible Cause

Solution

1. Full-time surge protection outlets stop providing power to equipment.
   Circuit breaker has been tripped due to an overload.
   Turn the UPS off and unplugging at least one piece of equipment. Wait 10 seconds, reset the circuit breaker by pressing the button, and then turn the UPS on.

2. The UPS does not perform expected operations.
   Battery not fully charged.
   Recharge the battery by leaving the UPS plugged in.

3. The UPS is not providing battery power.
   Battery is worn out.
   Contact CyberPower Systems at tech@cpsww.com.

4. The UPS will not return on.
   The battery is worn out.
   Contact CyberPower Systems at tech@cpsww.com.

5. The Coax/Cable/SS surge protection ports will not protect any coax cable reader, CATV converter, or OSS receiver.
   Mechanical problem.
   Contact CyberPower Systems at tech@cpsww.com.

6. The USB cable is not connected.
   Connect the USB cable to the UPS unit and plug USB-peripheral device into the computer.
   Check for a different USB port and plug the cable in.

7. The serial cable is not the cable that was included with the UPS unit.
   The serial cable is not the cable that was included with the UPS unit.
   Check for a different USB port and plug the cable in.

SUPPORT

Technical support and additional troubleshooting information can be found at: Support" at www.CPS.com.

HOW TO DETERMINE THE POWER REQUIREMENTS OF YOUR EQUIPMENT

1. Ensure that the equipment plugged into the UPS does not exceed the UPS unit’s rated capacity. (See Voltage Rating and Battery Capacity on page 6)
2. The unit will stop providing power to the load if it exceeds the rated capacity of the unit, or exceeds, an overload condition may occur and cause the UPS unit to shut down or the circuit breaker to trip.
3. The unit will not provide power to any equipment that will exceed the rated capacity of the UPS unit.
4. The unit will not allow more than one outlet to be used at any given time.
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CAUTION!

The unit will not provide power to any equipment that will exceed the rated capacity of the UPS unit.

How to Use a Voltage Regulator

1. Connect all non-critical equipment to the voltage regulator.
2. Connect all critical equipment to the battery backup outlets.
3. Turn off all equipment to be protected.
4. Turn on the voltage regulator.
5. Turn on all equipment to be protected.

How to Use a Battery Backup System

1. Connect all equipment to be protected to the battery backup outlets.
2. Turn on the battery backup system.
3. Turn on all equipment to be protected.

How to Use a Surge Protector

1. Connect all equipment to be protected to the surge protector.
2. Turn on the surge protector.
3. Turn on all equipment to be protected.

How to Use a Ground Fault Circuit Interrupter (GFCI)

1. Connect all equipment to be protected to the GFCI.
2. Turn on the GFCI.
3. Turn on all equipment to be protected.

How to Use a Power Panel

1. Connect all equipment to be protected to the Power Panel.
2. Turn on the Power Panel.
3. Turn on all equipment to be protected.

How to Use a Power METER

1. Connect all equipment to be protected to the Power METER.
2. Turn on the Power METER.
3. Turn on all equipment to be protected.

How to Use a Power Switch

1. Connect all equipment to be protected to the Power Switch.
2. Turn on the Power Switch.
3. Turn on all equipment to be protected.

How to Use a Power Distribution Board (PDB)

1. Connect all equipment to be protected to the PDB.
2. Turn on the PDB.
3. Turn on all equipment to be protected.

How to Use a Power Distribution Panel (PDP)

1. Connect all equipment to be protected to the PDP.
2. Turn on the PDP.
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CyberPower Systems (USA), Inc. (“CyberPower”) provides this Limited Warranty.

Warranty, you should return the Product for a full refund prior to using it. By using the Product you consent to be bound by and become a party to the terms and conditions of this Limited Warranty and 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 our 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 market value net of any applicable insurance or other recovery/payment that are available to the Initial Customer and all claim forms that CyberPower provides to you. Show the Claim Number on the shipment, and you must pay the cost of the repair estimate.

What are the Limitations?
The sole and exclusive remedies to the Initial Customer are those provided by this Warranty. 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), without the use of any adaptors or other converters.

The Product and equipment connected to it must have been used properly 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. Damages from fire, flood, wind, rain, rising water, leakage or breakage of plumbing, abuse, misuse or alteration of either the Product or the equipment connected to it, nor for damage while in transit or in storage, nor if there has been improper operation or maintenance, or with items not designed or intended for use with the Product, such as laser printers, appliances, aquariums, medical or the support devices, etc. 3. Damage from any circumstance described as excluded above with respect to the Product.

CyberPower expressly disclaims any express or implied warranty of fitness for High Risk Activities. CyberPower does not authorize use of any Product in any High Risk Activities or with Aquaplasms. ANY SUCH USE IS IMPROPER AND IS A VIOLATION OF THE PRODUCT.

The application of the United Nation Convention of Contracts for the International Sale of Goods is expressly excluded. CyberPower is the warrantor under the Limited Warranty.

Where Can I Get More Information? For further information please feel free to contact CyberPower at CyberPower Systems (USA), Inc. 4241 12th Ave E., STE 410, Shakkopee, MN 55379; call us at (787) 297-6937; or send us an e-mail message at claims@cyberpower.com for instructions, within 10 days of the occurrence.

Limited Warranty and Connected Equipment Guarantee

The Product is 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 Underwrite Any Liability in Any Event for Any of the Following:

1. Loss of or damage to data, records, or software or the restoration of data or records, or the reinstatement of software.

2. Damage from causes other than AC Power Line Transients, spikes, or surges on properly installed, grounded and code-compliant 120 volt power lines in the United States and Canada; transients, surges or spikes on standard telephone lines, PBX telephone lines or lines connected to telephone networks, when properly installed and connected. (This exclusion applies, for example, to fluctuations in data transmission or reception, by CATV or RF transmission, or fluctuations, or transients in such transmission)

3. Damage from any circumstance described as excluded above with respect to the Product.

4. Damage from fire, flood, wind, rain, rising water, leakage or breakage of plumbing, abuse, misuse or alteration of either the Product or the Connected Equipment.

5. CyberPower expressly disclaims any liability for personal injury under the Limited Warranty and Connected Equipment Guarantee. CyberPower excludes any liability for direct, indirect, special, incidental or consequential damages, whether for damage to or loss of data. NOTE: 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.

6. The Product is not used for use in high-risk activities or with aquaplasms. 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, in 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 Aquaplasms. CyberPower does not authorize use of any Product in any High Risk Activities or with Aquaplasms. ANY SUCH USE IS IMPROPER AND IS A VIOLATION OF THE PRODUCT.

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The Product and equipment connected to it must have been used properly 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. Damages from fire, flood, wind, rain, rising water, leakage or breakage of plumbing, abuse, misuse or alteration of either the Product or the equipment connected to it, nor for damage while in transit or in storage, nor if there has been improper operation or maintenance, or with items not designed or intended for use with the Product, such as laser printers, appliances, aquariums, medical or the support devices, etc. 3. Damage from any circumstance described as excluded above with respect to the Product.

CyberPower expressly disclaims any express or implied warranty of fitness for High Risk Activities or with Aquaplasms. CyberPower does not authorize use of any Product in any High Risk Activities or with Aquaplasms. ANY SUCH USE IS IMPROPER AND IS A VIOLATION OF THE PRODUCT.