



CyberPower PR750LCD3C Smart App UPS Series User Guide

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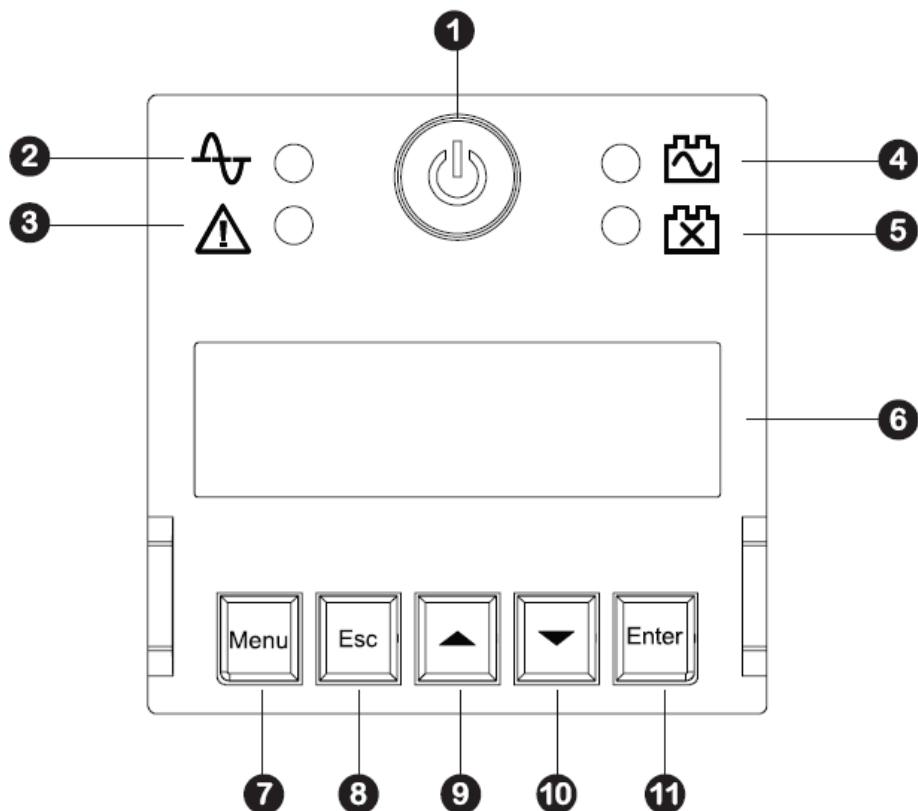
CyberPower PR750LCD3C Smart App UPS Series



YOUR ULTIMATE ALLY IN POWER
 SMART APP UPS SERIES
 PR750LCD3C
 LCD FUNCTION SETUP GUIDE

LCD OPERATION GUIDE

Display Interface



1. Power Button/Power on Indicator
2. Online Indicator
3. Fault/Warning Indicator
4. On Battery Indicator
5. Battery Fault Indicator
6. Display Screen
7. Menu Button
8. Esc Button
9. Up Button
10. Down Button
11. Enter Button

Basic Operation

Press Up/Down Button to scroll through the UPS status. Press Esc button to go back to top.

Menu /Item

- Status
 - Operation Mode
 - Input Voltage Information
 - Output Voltage Information
 - Estimated Runtime
 - Battery Information
 - Load Information
 - UPS Temperature
 - Date & Time

LCD Setting Guide

Press Menu Button to enter Setup Menu and use Up/Down Button to scroll through menus. Press Enter Button to go into the selected menu and use the Up/Down Button and Enter Button to select the setting item and to complete the setting. Esc Button is pressed to exit the submenu and go back to previous page.

Menu/ Item

- Basic Setup
 - Utility Power Quality
 - Sensitivity
- Ambient Setup
 - ECO On/Off
 - LED Brightness
 - LCD Hibernation
 - Cycling Display
 - Audible Alarm

LCD Setting Guide – cont.

- Outlet Control
 - UPS Configuration
- Test
 - Self Test
 - Alarm Test
- Logs
 - Event 1-10
- About
 - UPS Model Name
 - UPS Serial Number
 - Last Battery Change Date
 - Next Battery Change Date
 - UPS Firmware Version
 - IP Address
 - MAC ID
- Advanced Setup
 - Output Voltage
 - Minimum Output Voltage
 - Maximum Output Voltage
 - Low Battery Threshold
 - Battery Change Date
 - Schedule Test
 - Date and Time
 - Power Meter Rest
 - IP Setting
 - Subnet Mask
 - Gateway
 - Wiring Fault
 - Firmware Update**
 - Back to Default
 - Only displayed in standby mode

Menu / Basic Setup

In order to better supply power to the connected equipment, it is recommended to check settings in this menu before you start using your UPS.

Item	Default	Option	Description
Utility Quality	Normal	<ul style="list-style-type: none"> * Good * Normal * Poor 	<p>Select the voltage quality of the input utility power. If Good is selected, the UPS will go to battery mode more often to supply the cleanest power to connected devices.</p> <p>If Poor is selected, the UPS will tolerate more power fluctuations and go to battery mode less often.</p>
		* (Customized)	<p>“Customized” shows up when Maximum/Minimum Output Voltage has been adjusted in Advanced Setup Menu or through software.</p>
Sensitivity	Medium	<ul style="list-style-type: none"> * High * Medium * Low 	<p>Select the sensitivity level to power events for connected equipment.</p> <p>If the connected equipment is highly sensitive to power events, select High; the UPS will go to battery mode more often to provide the cleanest power.</p> <p>If the connected equipment can tolerate more power events, select Low; the UPS will go to battery mode less often.</p>

Menu / Ambient Setup

The settings in this menu affect the UPS display, alarm and noise. Customize your UPS to meet your needs.

Item	Default	Option	Description
Eco Mode Switch	Inactive	<ul style="list-style-type: none"> * Active * Inactive 	<p>If Active is selected, the UPS will work under lowest energy consumption to save energy with below settings:</p> <ol style="list-style-type: none"> 1. Adjust brightness of all LED indicators to Dim. 2. Display hibernates after 1 minute with no activity. 3. Adjust the audible alarm to Quiet. 4. Charge the battery using ECO charge, which typically needs 8 hours to charge the battery to 90% but is better for battery life.
LED Brightness	Bright	<ul style="list-style-type: none"> * Bright * Medium * Dim * Only Power On 	<p>The LED brightness can be set in accordance with the ambient lights or different usage scenario.</p> <p>If Only Power On is selected, all LED indicators will be off except Power On Indicator.</p>
LCD Hibernation	After 1 minute	<ul style="list-style-type: none"> * Never * After 1 minute * After 5 minutes * After 10 minutes 	<p>After this amount of time with no activity, the LCD screen will shut off to save energy.</p>
Cycling Display	Never	<ul style="list-style-type: none"> * Never * After 10 seconds * After 20 seconds * After 30 seconds 	<p>After this amount of time with no activity, UPS will start cycling the status information on LCD screen.</p>
Audible Alarm	Quiet	<ul style="list-style-type: none"> * Normal * Off * Mute on Battery * Quiet 	<p>If Mute On Battery is selected, the UPS will not emit an alarm indicating the UPS is providing power from battery.</p>

Menu / Outlet Control

Enter the sub-menu “Config UPS” for additional settings of the outlets.

Item	Default	Option	Description
Delay Turn On	4 seconds	* 0-600 seconds	The amount of time that the outlets will wait before actual startup.
Delay Turn Off	4 seconds	* 0-600 seconds	The amount of time that the outlets will wait before actual shutdown.
Reboot Duration	4 seconds	* 4-300 seconds	The amount of time that the outlets will remain off before the UPS restart itself.
Minimum Restored Capacity	0%	* 0-100%	It is the criteria for UPS to perform auto-restart as utility is restored. If battery capacity is higher than this setting, the auto-restart will be performed; otherwise, the UPS will keep charging the battery until battery capacity reaches that level.
Uptime on Battery	Disable	* Enable: 5-1800 seconds * Disable	Set the maximum runtime on battery mode. The UPS will shut down after the amount of time spent in battery mode has reached this setting. Make sure the estimated runtime is larger than this setting; otherwise, the UPS will stop supplying power when it has run out of battery.
Reserved Runtime	Disable	* Enable: 0-1800 seconds * Disable	When the UPS is in battery mode, it will cut off output power when the remaining runtime reaches the level.

Menu / Test

This menu provides basic tests and calibration for users to check the current performance of the UPS.

Item	Default	Option	Description
Self Test	No	* Yes * No	Select Yes to order the UPS to quickly test the backup function by entering to battery mode, checking if it works. The test takes around 10 seconds.
Alarm Test	Short Test	* Short Test * Continuous Test	This item tests the alarm's audible warning and LED indicators' functionalities. Short test lasts 5 seconds. In continuous testing, press any button to stop the test.

Menu / Logs

All kinds of events are recorded and the UPS will show the last 10 events in this menu. Events are categorized into four sorts and shown in a capital letter in a single event log on the LCD screen: (F) Fault, (W) Warning, (S) Shutdown, and no letter for a normal transfer event


Menu / Advanced Setup

This menu contains more adjustable and detailed items for UPS advanced usage. Read the item descriptions below thoroughly before you change the settings.

Item	Default	Option	Description
Output Voltage	120V	* 100V * 110V * 120V * 127V	Select the AC output voltage on battery mode.

Item	Default	Option	Description
Minimum Output Voltage	100V: 89V 110V: 97V 120V: 102V 127V: 111V	* 100V: 86-92V * 110V: 97-106V * 120V: 97-106V * 127V: 108-114V	Set the value lower if the utility voltage is usually low to avoid unnecessary battery usage, and vice versa. Make sure the connected equipment can work under the voltage condition.
Maximum Output Voltage	100V: 111V 110V: 128V 120V: 131V 127V: 143V	* 100V: 108-114V * 110V: 127-136V * 120V: 127-136V * 127V: 140-146V	Set the value lower if the utility voltage is usually low to avoid unnecessary battery usage, and vice versa. Make sure the connected equipment can work under the voltage condition.
Low Battery Threshold	300 seconds	* 0-1800 seconds	The UPS will emit an audible alarm, as a reminder that remaining runtime is reaching the threshold.
	35%	* 20-65%	The UPS will emit an audible alarm, as a reminder that remaining battery capacity is reaching the threshold.
Battery Change Date	---/----	* Month/Year	Optional setup information for users to record the installation date of battery pack. Reset the data when replacing new battery pack.
Schedule Test - On Startup	No	* Yes * No	If Yes is selected, the UPS will perform Self Test every time on startup.
Schedule Test - Frequency	Never	* Never * Every 1 week * Every 2 weeks * Every 3 weeks * Every 4 weeks	Select the amount of time that the UPS will perform Self Test periodically after startup.
Date and Time	----/--/-- --:--	* Year/Month/Day Hour:Minute	Set the Date and Time for use in data/event logs.
Power Meter Reset	No	* Yes * No	Select Yes to reset the value of Load Energy in Status menu.
IP Access	DHCP	* DHCP * Manual IP Setup	Select the way to access the IP/Subnet Mask/Gateway. This shows "No Web Device" when no RMCARD is installed.
IP Address	Auto-sensing	* Auto-sensing * Manual Key-in	Change the IP Access setting to manual IP Setup and then this item can be adjusted manually. This shows "No Web Device" when no RMCARD is installed.
Subnet Mask	Auto-sensing	* Auto-sensing * Manual Key-in	Change the IP Access setting to manual IP Setup and then this item can be adjusted manually. This shows "No Web Device" when no RMCARD is installed.
Gateway	Auto-sensing	* Auto-sensing * Manual Key-in	Change the IP Access setting to manual IP Setup and then this item can be adjusted manually. This shows "No Web Device" when no RMCARD is installed.
Firmware Update* <small>*Only displayed in standby mode</small>	No	* Yes * No	Select Yes to update the firmware of UPS in standby mode.
Back to Default	No	* Yes * No	Select Yes to restore the UPS factory default settings.

Documents / Resources

	CyberPower PR750LCD3C Smart App UPS Series [pdf] User Guide PR750LCD3C Smart App UPS Series, PR750LCD3C, Smart App UPS Series, App UPS Series, UPS Series, UPS
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References

-  [CyberPower UPS Systems, Battery Backup, PDUs, USB Surge Protectors](#)

Manuals+.