



CyberPower CP850AVRLCD Intelligent LCD UPS System User Guide

[Home](#) » [CyberPower](#) » CyberPower CP850AVRLCD Intelligent LCD UPS System User Guide 

Contents

- [1 CyberPower CP850AVRLCD Intelligent LCD UPS System](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 FUNCTION SETUP GUIDE](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)



CyberPower CP850AVRLCD Intelligent LCD UPS System



Product Information

- **Specifications**
 - **Model:** K01-0000524-00

Product Usage Instructions

- **Power On**
 - Press and hold the POWER button.
 - You will hear a constant tone for 1 second, followed by a short beep.
 - Release the button after the short beep.
- **Power Off**
 - Press and hold the POWER button.
 - You will hear a constant tone for 1 second, followed by two short beeps.
 - Release the button after the two short beeps.
- **Display**
 - **Press the DISPLAY** button for 3 seconds to change the current LCD screen status between Auto Off and Always On.
 - **LCD Auto Off:** In Line Mode, the LCD screen will automatically turn off after 1 minute of inactivity; in Battery Mode, the LCD screen is always on.
 - **LCD Always On:** The LCD screen will be always on.
- **Select**
 - Short press the SELECT button to view information about the UPS or to scroll down the function/option menu.

- **Mute**

- Press the MUTE button for 3 seconds to enable the audible alarm (beeps once) or disable it (beeps twice).

- **Enter**

- Short press the ENTER button to confirm settings or enter into functions. (For more information about this button, please refer to the following Setup Mode section).

- **Enter into Setup Mode**

- Press both the SELECT and ENTER buttons at the same time for approximately 3 seconds to access the setup mode's 11 functions:

- **Utility Power**

- MAX O/P Voltage
- MIN O/P Voltage

- **Sensitivity**

- Low Battery Warning

- **Self Test**

- Audible Alarm

- **LCD Auto Off**

- Last Fault Reason
- Back to Default Settings
- Back to Status Display

- **Select Function**

- Short press the SELECT button to scroll down the function/option menu.


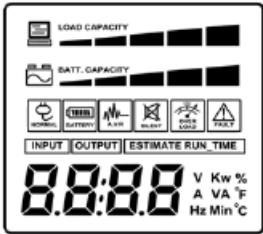
- **Confirm Option**





- When an option is selected, short press the ENTER button. After the setting has been confirmed, the LCD screen will stop flashing.

- **Frequently Asked Questions (FAQ)**



- **Q:** What are the options for Function Utility Power?
- **A:** The options are Poor (97V~142V), Normal (100V~139V), and Good (103V~136V).
- **Q:** How do I enter Self Test mode?
- **A:** In Line Mode, select YES for Self Test (Battery Test) in the Audible Alarm function.
- **Q:** What does Last Fault Reason display?
- **A:** Last Fault Reason displays error codes for various faults, such as Charger fault (Over Charge), Charger fault (No Charge), Battery Fault, Output short, and Overload.
- **Q:** How can I restore the UPS to factory default settings?
- **A:** Select Yes for the Back to Default Settings function.








FUNCTION SETUP GUIDE

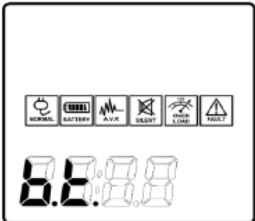

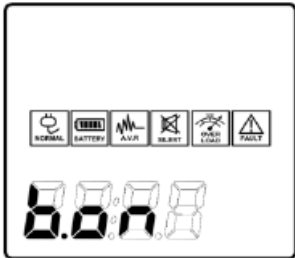
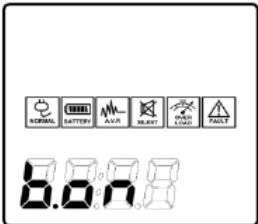


	<p>Power On: Press and hold the POWER button. You will hear a constant tone for 1 second, followed by a short beep. Release the button after the short beep.</p> <p>Power Off: Press and hold the POWER button. You will hear a constant tone for 1 second, followed by two short beeps. Release the button after the two short beeps.</p>
	<p>SELECT DISPLAY</p> <p>DISPLAY: Press the button for 3 seconds to change current LCD screen status between "Auto Off" and "Always On".</p> <ul style="list-style-type: none"> • LCD Auto Off: In Line Mode, LCD screen will off automatically after 1 minute of inactivity; in Battery Mode, LCD screen is always on. • LCD Always On: LCD screen will be always on. <p>SELECT: Short press the button to view the information about the UPS or to scroll down function / option menu.</p>
<p>SELECT ENTER DISPLAY MUTE</p>	<p>ENTER MUTE</p> <p>MUTE: Press the button for 3 seconds to enable the audible alarm (beeps once) or disable (beeps twice) the audible alarm.</p> <p>ENTER: Short press the button to confirm the settings or enter into the functions. (For more information about this button, please refer to the following of the Setup Mode)</p>
	<p>SELECT ENTER</p> <p>Enter into Setup Mode: Press both of the "SELECT" and "ENTER" at the same time for approximately 3 seconds to access the setup mode's 11 functions: Utility Power, MAX O/P Voltage, MIN O/P Voltage, Sensitivity, Low Battery Warning, Self Test, Audible Alarm, LCD Auto Off, Last Fault Reason, Back to Default Settings, and Back to Status Display.</p> <p>Select Function: Short press the "SELECT" button to scroll down the function / option menu.</p> <p>Confirm Option: When an option is selected, short press the "ENTER" button. After the setting has been confirmed, the LCD screen will stop flashing.</p>


Function	LCD Display	Options	Default	Description
Utility Power		Poor (97V~142V) 	Normal	This function determines how the UPS will switch to Battery Mode. 3 different output voltage ranges can be chosen according to the quality of the
		Normal (100V~139V) 		
		Good (103V~136V) 		AC utility service in your

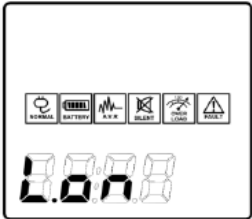


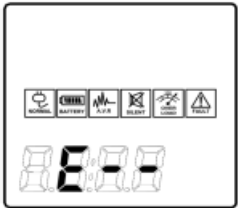




		Escape to Function Menu		location. If your utility service is not stable, you can select Poor (97V~142V). The UPS will go to Battery Mode less often to tolerate the utility power
	(CUST)*			fluctuations.
	* Only when			If your utility service is stable,
	MIN or MAX O/P Voltage is			you can select Good
	configured.			(103V~136V). The unit will go
				to Battery Mode more often.
MAX O/P Voltage		H136V ~ H142V	H139V	In Utility Power settings , only
				3 types of fixed voltage
		Escape to Function Menu		ranges can be chosen. However, you can fine tune
				the MAX O/P voltage in this function. If the utility voltage is usually high, and the connected
				equipment can work in this
				condition, you can set the
				output voltage range higher to
				reduce the UPS from going to
				Battery Mode as often.

MIN O/P Voltage		L97V ~ L103V Escape to Function Menu 	L100V	In Utility Power settings , only 3 types of voltage ranges can be chosen. However, you can fine tune the MIN O/P voltage in this function. If the utility voltage is usually low, and the connected equipment can work in this condition, you can set the output voltage range lower to reduce the UPS from going to AVR Mode or Battery Mode as often.
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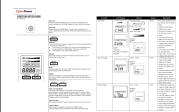
Function	LCD Display	Options	Default	Description
Sensitivity		Low 	Medium	If the connected equipment can tolerate more power events (Example : unstable power often associated with stormy weather), select Low Sensitivity. The UPS will go to Battery Mode less often. If the connected equipment is more sensitive to power events, select High Sensitivity. The UPS will go to Battery Mode more often.
		Medium 		
		High 		
		Escape to Function Menu 		
Low Battery Warning		5~8 mins Escape to Function Menu	5 mins	The audible alarm will sound when the remaining runtime is less than the value selected.
Self Test (Battery Test)		YES 	No Action	In Line Mode, select YES to perform a Self Test on the battery.

		Escape to 		
		Function 		
		Menu		
Audible Alarm		b.on 	b.on	<p>“b.on” is buzzer enable; “b.oFF” is buzzer disabl e.</p> <p>If b.oFF is selected, the unit will mute all alarms except for</p> <p>fault or overload conditi on.</p>
		b.off		
				You can also set the au dible alarm with the MU TE button mentioned b efore.
		Escape to Function Menu 		

Function	LCD Display	Options	Default	Description
LCD Auto Off		L.on (Auto Off is on) 	L.on	<p>“L.on” (Auto Off is on): I n Line</p>

				Mode, LCD screen will off automatically after 1 min of inactivity; in Battery Mode, LCD screen is always on.
		L.oFF (Auto Off is off)		
				“L.oFF” (Auto Off is off): LCD screen is always on.
		Escape to		
		Function		
		Menu		
Last Fault Reason				<p>There is no setting in this page. This page will only show the error code for last fault reason.</p> <p>E01 : Charger fault (Over Charge).</p> <p>E02 : Charger fault (No Charge)</p> <p>E11 : Battery Fault</p> <p>E21 : Output short. E22 : Over load.</p>
Back to Default Settings		<p>YES</p>  <p>Escape to Function Menu</p> 	No Action	Select Yes to restore the UPS factory default settings.
Return to Status Display			—	Press the ENTER Button to leave setup mode and go back to the Status Display.

Documents / Resources

	CyberPower CP850AVRLCD Intelligent LCD UPS System [pdf] User Guide CP850AVRLCD, CP850AVRLCD Intelligent LCD UPS System, CP850AVRLCD, Intelligent LCD UPS System, LCD UPS System, UPS System, System
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References

- [User Manual](#)