CyberPower

LCD FUNCTION SETUP GUIDE

Power Switch	**Power On:** Press and hold the POWER button for approximately 2 seconds. 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 for approximately 2 seconds. You will hear a constant tone for 1 second, followed by two short beeps. Release the button after the two short beeps.
LCD Display Toggle/Selected Switch	**Enter Setup Mode:** Press and hold the Select button for approximately 3 seconds to access the 12 functions of the setup mode: Utility Quality, High Transfer Voltage, Low Transfer Voltage, Sensitivity, Low Battery Warning, Self-Test, Outlet Control, Buzzer Setting, LCD Sleep, LCD test, Back to default, Escape item. **Select Function:** Short press the toggle to switch from the current item to the next item. **Confirm Option:** When an option is selected, press the toggle for 3 seconds. The icons will stop flashing after the setting has been confirmed

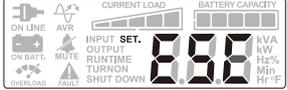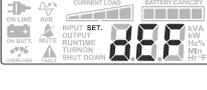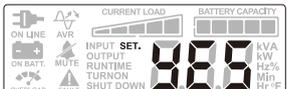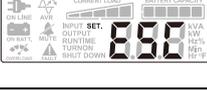| Function	LCD Display	Options	Default	Description
Utility Quality	(CUS)* * Custom Setting: Only when High or Low Transfer Voltage is configured.	Low(95V-143V) Normal(98V-140V) High(101V-137V) Escape to Function Menu	Normal	This function determines how the UPS switches into Battery Mode. 3 different output voltage ranges can be selected according to the quality of the AC utility service in your location. If your utility service is not stable, select Low (95V-143V). The UPS will switch into Battery Mode less often to tolerate the utility power fluctuations. If your utility service is stable, select High (101V-137V). The unit will switch into Battery Mode more often.
High Transfer Voltage	* ↗ = fine tune the MAX O/P voltage	135V-144V Escape to Function Menu	140V	In Utility Quality settings, only 3 types of fixed voltage ranges can be chosen. However, you can fine tune the high transfer voltage in this function. If the utility voltage is usually high, and the connected equipment can work in this condition, set the output voltage range higher to reduce the UPS from going to Battery Mode as often.
Low Transfer Voltage	* ↘ = fine tune the MIN O/P voltage	91V-103V Escape to Function Menu	98V	In Utility Quality settings, only 3 types of voltage ranges can be chosen. However, you can fine tune the low transfer voltage in this function. If the utility voltage is usually low, and the connected equipment can work in this condition, set the output voltage range lower to reduce the UPS from going to AVR Mode or Battery Mode as often.
Sensitivity		Low Normal High Escape to Function Menu	Normal	If the connected equipment can tolerate more power events (Example: unstable power often associated with stormy weather), select Low Sensitivity. The UPS will switch into Battery Mode less often. If the connected equipment is more sensitive to power events, select High Sensitivity. The UPS will switch into Battery Mode more often.
Low Battery Warning		5~8 mins Escape to Function Menu	5 mins	The audible alarm will sound and the "ON BATT." icon will flash when the remaining runtime is less than the value selected.
Self-Test		Yes Escape to Function Menu	No Action	In Line Mode, select YES to perform a Self-Test on the battery.
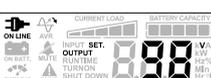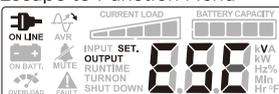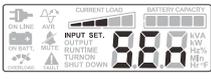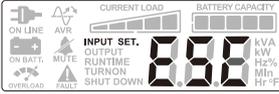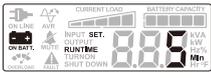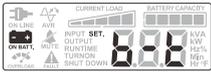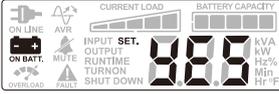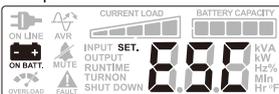
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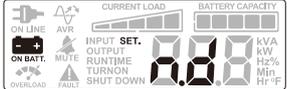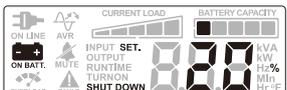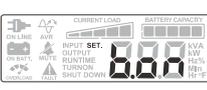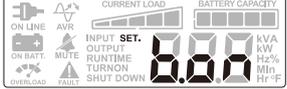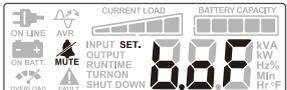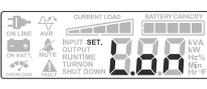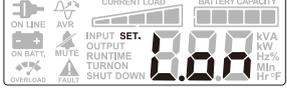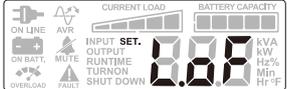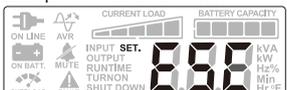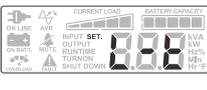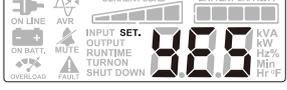
Outlet Control		**Non-Critical Load Disable** **20%-100%** **Escape to Function Menu**	Disable	Redundant equipment should be connected to the NCL outlets to be powered off early in order to save additional battery runtime for the "Critical Load" to safely shutdown. "n.d" (NCL Disable): Non-critical load outlets control/function disable. Each outlet to be powered in battery mode. "SHUTDOWN 20%-100%": When battery capacity drops below the selected conditional value, the non-critical outlet will turn off in 10 seconds. If you need to reselect a conditional value, the UPS has to return to line mode, then the non-critical load outlet will turn on.
Buzzer Setting		**Buzzer on** **Buzzer off** **Escape to Function Menu**	Buzzer on	"b.on": buzzer enabled "b.oF": buzzer disabled and the unit will mute all alarms except for fault or overload condition.
LCD Sleep		**Auto off** **Always on** **Escape to Function Menu**	L.on	"L.on" (LCD Auto Off is on): In Line Mode, LCD screen will dim automatically after 1 min of inactivity; in Battery Mode, LCD screen is always on. "L.oF" (LCD Auto Off is off): LCD screen is always on.
LCD Test		**Yes** **Escape to Function Menu**	No Action	Select YES to perform a self test on the LCD screen.
Back to Default		**Yes** **Escape to Function Menu**	No Action	Select Yes to restore the UPS to its factory default settings.
Escape Item				Return to the status page.