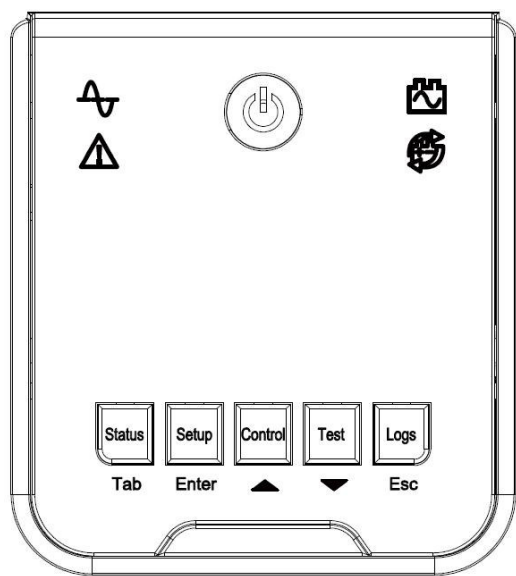




Power On: (1) Press the POWER button for approximately 2 seconds and you will hear a short steady tone (1 second). Release the button after a short beep. (2) Quickly push the POWER button once to have the UPS enter standby mode. Then use Control Menu →UPS ON/OFF function to turn on UPS.

Power Off: (1) Press the POWER button for approximately 2 seconds and you will hear a short steady tone (1 second). Release the button after 2 short beeps. (2) Use Control Menu→UPS ON/OFF function to turn off UPS.

Status/Tab Button: Press the Status button for one second and use Up/Down button to view information about the UPS. By pressing the button quickly, users can jump between Status / Setup / Control / Test / Logs menu.

Logs/Esc Button: Press the Logs button for one second and use Up/Down button to view transfer and fault events. By pressing the button quickly, users can see in which menu they are.

Setup/Control/Test/Logs Buttons: These four buttons have their own main menu. Press the button for 1 second to enter the main menu. Use **Up/Down Buttons** to select the functions to configure. Press the **Enter Button** to enter the setting mode for configuring options. When the desired option is selected, press the **Enter Button** again to confirm the setting. If no changes are made, press the **Esc Button** to return to the main menu. Refer to the following table for detailed list of functions and description.

Function	Options	Default	Description
Setup Menu			
Setup Wizard	No Yes	No	Use the wizard to help configure basic functions (Utility Power, LCD Auto Sleep, Audible Alarm, and Sensitivity) of the UPS step by step.
Utility Power *This function is related to MIN O/P Voltage and MAX O/P Voltage settings.	Normal Good Poor (Custom)* * Only when MIN or MAX O/P Voltage is configured.	Normal	This determines how the UPS will switch to Battery Mode. If the utility power is Good, the unit will go to Battery Mode more often. If the utility power is Poor, the unit will go to Battery Mode less often to tolerate the utility power fluctuations.
MIN O/P Voltage	97~106V	102V	If the utility voltage is usually low and the connected equipment can work with this condition, you can set the output voltage range lower and bypass the AVR Mode.
MAX O/P Voltage	127~136V	131V	If the utility voltage is usually high and the connected equipment can work with this condition, you can set the output voltage range higher to avoid UPS going to AVR Mode too often.
LCD Auto Sleep	Never After 1 minute After 5 minutes After 10 minutes	After 1 minute	If Auto Sleep is selected, the LCD display will shut off after 1/5/10 minutes if no activity.
Cycling Display	Never After 10 seconds After 20 seconds After 30 seconds	After 20 seconds	If the buttons are not touched in 10/20/30 seconds, it will start cycling the UPS information. In Status Menu, press Enter button once can also enter or leave cycling mode.
Audible Alarm	Enable Disable	Enable	If Off is selected, the unit will mute all alarms except for overload condition.
Temporarily Mute* * Visible when UPS is in battery mode and alarm is ON.	Enable Disable	Disable	It allows users to mute the alarm once in battery mode. When utility power is back and UPS switches back to Line Mode, the alarm is turned on again.
Sensitivity	Medium High Low	Medium	If the connected equipment can tolerate more power events, select Low Sensitivity. The UPS will go Battery Mode less often. If the connected equipment cannot tolerate power events, select High Sensitivity. The UPS will go Battery Mode more often.
Charge Mode	Quick charge ECO mode	ECO mode	Charge the battery quickly or at normal speed. *Quick charge may shorten the battery life. Suggest use ECO mode if power failure is not often.

Function	Options	Default	Description
Setup Menu			
Low Battery Warning	0~1800s	300s	The audible alarm will sound when the remaining runtime is less than the value selected.
Auto Self Test	Never	Never	◆ Never: never run Self Test
	Only on Start Up		◆ Only on Start Up: Auto Self Test runs only when starting up the UPS.
	Startup + 1 week		◆ Start +1/+2 week: Auto Self Test runs only when starting up the UPS and again in the next 7 or 14 days.
	Startup + 2 week		
	Every week		
	Every other week		◆ Every week/other week: Auto Self Test runs on start up of the UPS and every 7 or 14 days since the last test.
Date & Time	yyyy/mm/dd hh:mm	----/--/-- --:--	Set up year/month/day, hour/minute.
Battery Change Date	Jan/Feb/Mar/Apr/May/Jul	---/----	Optional setup information. User can select the install date of new batteries.
	Aug/Sep/Oct/Nov/Dec		
	-2000~2099		
Firmware Update*	No	No	When Yes is selected, the UPS will be off and go to firmware update mode. Users can use firmware update software to upgrade the firmware version.
* Visible when UPS is in standby mode.	Yes		
Power Meter Reset	No	No	Reset the value of Load Energy in the Status Menu.
	Yes		
Back to Default	No	No	Restores the UPS factory default settings.
	Yes		
Delay Turn On	0~600s	0s	Users can set the time a UPS will wait before start up begins.
Delay Turn Off	0~600s	0s	Users can set the time a UPS will wait before shut down begins.
Reboot Duration	4~300s	4s	Users can set the time a UPS will remain off before it restarts.
Minimum Restore Capacity	0~100%	0%	Minimum Restore Capacity is the criteria of the UPS auto-restart function when utility power is back. If the battery capacity is larger than the Minimum Restore Capacity, the UPS will auto-restart. If the battery capacity is smaller than the Minimum Restore Capacity, the UPS will not auto-restart until the capacity is achieved.
Uptime On Battery	Disable	Disable	When the UPS is in battery mode, it will shut down if operating time is longer than the Uptime.
	Enable > 5~1800s		
Reserve Runtime	Disable	Disable	When the UPS is in battery mode, it will shut down if remaining runtime is shorter than the Reserve Runtime.
	Enable > 0~1800s		

Function	Options	Default	Description
Setup Menu			
Configure NCL	Delay Turn On	Disable	Refer to above description for the first 6 items.
	Delay Turn Off		Off on Overload – When overload occurs, Non-Critical
	Reboot Duration		Load outlets will be turned off if Enable is selected to remove overload condition.
	MIN Restore CAP		
	Uptime on BATT		
	Reserve Runtime		
	Off on Overload > Enable/Disable		
Control Menu			
UPS On/Off	(When UPS is off)	On or Off	Enables or disables the delay function when the UPS is starting up, shutting down, or rebooting.
	On		
	Delay On		
	(When UPS is on)		
	Off		
	Delay Off		
	Reboot		
Delay Reboot			
NCL On/Off	(When UPS is on and NCL is off)	On	Enables or disables the delay function when the NCL is starting up, shutting down, or rebooting.
	On		
	Delay On		
	(When UPS is on and NCL is on)	Off	
	Off		
	Delay Off		
	Reboot		
Delay Reboot			
Test Menu			
Self Test	No	No	If Yes is selected, the UPS will perform a self test.
	Yes		
Alarm Test	Cancel Test	Cancel Test	This option tests the alarm's audible warning and LED indicators to insure they are normal.
	Continuous Test		
	Short Test		
Battery Calibration	No	No	(When it is normal)
	Yes		Process
			Completed
			(When it is not normal)
			Fail: Load < 20%
			Fail: Load vary
			Fail: Low Battery
			Fail: Power Failure
			Fail: Charge < 8h