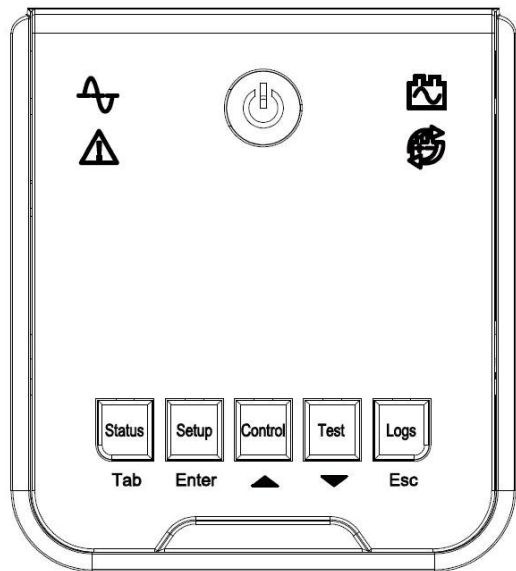


## FUNCTION SETUP GUIDE

K09-0000075-00



**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
<b>Setup Menu</b>			
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	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	Disable Enable	Disable	If Auto Sleep is selected, the LCD display will shut off after 60 seconds of no activity.
Audible Alarm	Enable Disable	Enable	If Off is selected, the unit will mute all alarms.
Temporarily Mute*	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. * Visible when UPS is in battery mode and alarm is ON.
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.
Low Battery Warning	0~1800s	300s	The audible alarm will sound when the remaining runtime is less than the value selected.

Function	Options	Default	Description
<b>Setup Menu</b>			
Auto Self Test	Never Only on Start Up Startup + 1 week Startup + 2 week Every week Every other week	Never	<ul style="list-style-type: none"> <li>◆ Never: never run Self Test</li> <li>◆ Only on Start Up: Auto Self Test runs only when starting up the UPS.</li> <li>◆ Start +1/+2 week: Auto Self Test runs only when starting up the UPS and again in the next 7 or 14 days.</li> <li>◆ Every week/other week: Auto Self Test runs on start up of the UPS and every 7 or 14 days since the last test.</li> </ul>
Date & Time	yyyy/mm/dd hh:mm	----/--/-- --:--	Set up year/month/day, hour/minute.
Battery Change Date	Jan/Feb/Mar/Apr/May/June/Jul Aug/Sep/Oct/Nov/Dec -2000~2099	mm/yyyy	Optional setup information. User can select the install date of new batteries.
Firmware Update*	No Yes	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.			
Power Meter Reset	No Yes	No	Reset the value of Load Energy in the Status Menu.
Back to Default	No Yes	No	Restores the UPS factory default settings.
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.

Function	Options	Default	Description
<b>Setup Menu</b>			
Uptime On Battery	Disable Enable > 5~1800s	Disable	When the UPS is in battery mode, it will shut down if operating time is longer than the Uptime.
Reserved Runtime	Disable Enable > 0~1800s	Disable	When the UPS is in battery mode, it will shut down if remaining runtime is shorter than the LoadShed Time.
<b>Control Menu</b>			
UPS On/Off	(When UPS is off) On Delay On (When UPS is on) Off Delay Off Reboot Delay Reboot	On or Off	Enables or disables the delay function when the UPS is starting up, shutting down, or rebooting.
<b>Test Menu</b>			
Self Test	No Yes	No	If Yes is selected, the UPS will perform a self test when starting up.
Alarm Test	Cancel Test Continuous Test Short Test	Cancel Test	This option tests the alarm's audible warning and LED indicators to insure they are normal.
Battery Calibration	No Yes	No	This option determines if the UPS runtime needs to be calibrated.

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