

CyberPower®

User's Manual for CyberShield DTC50U12V3

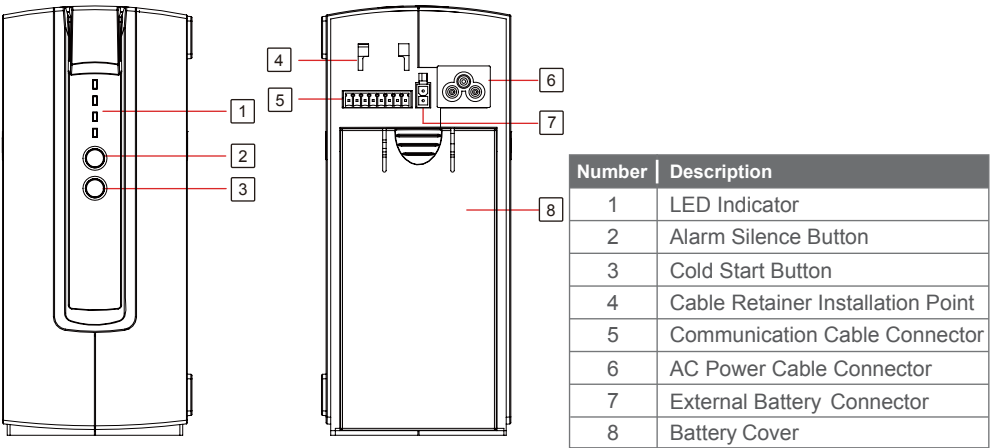
CyberShield UPSs are designed to provide a local power solution for cable telephony, wireless local loop (WLL), and fiber to the home (FTTH) broadband equipment.

IMPORTANT SAFETY WARNINGS (SAVE THESE INSTRUCTIONS)

This manual contains important instructions regarding the installation and operation of this device. Read this manual thoroughly before attempting to unpack, install or operate this device.

- CAUTION!** The battery can energize hazardous live parts inside even when the AC input power is disconnected.
- CAUTION!** To prevent the risk of fire or electric shock, install in a temperature and humidity controlled indoor area, free of conductive contaminants. (Please see specifications for acceptable temperature and humidity range.)
- CAUTION!** To reduce the risk of electric shock, do not remove the cover. No user serviceable parts inside include battery. Please contact our company or our dealer directly.
- CAUTION!** When replacing batteries, the replacement should have the same rating as follows, Listed/Certified Valve Regulated Lead Acid Battery, 12V, max. 9Ah.
- CAUTION!** Risk of Energy Hazard, battery. Before replacing batteries, remove conductive jewelry such as chains, wrist watches, and rings and use tools with insulated handles. High energy through conductive materials could cause severe burns.
- CAUTION!** Do not dispose of batteries in a fire. The battery may explode if improperly disposed. Recycle batteries in accordance with local regulations.
- CAUTION!** Do not open or mutilate batteries. Released material is harmful to the skin and eyes. It may be toxic.
- CAUTION!** The UPS battery is charged when it is connected to utility power. The battery is fully charged during the first **24 hours** of normal operation. Do not expect full battery run capability during this initial charge period.
- CAUTION!** The recommended capacity of an external battery is less than 100Ah. External batteries should be fully charged before used.

OVERVIEW

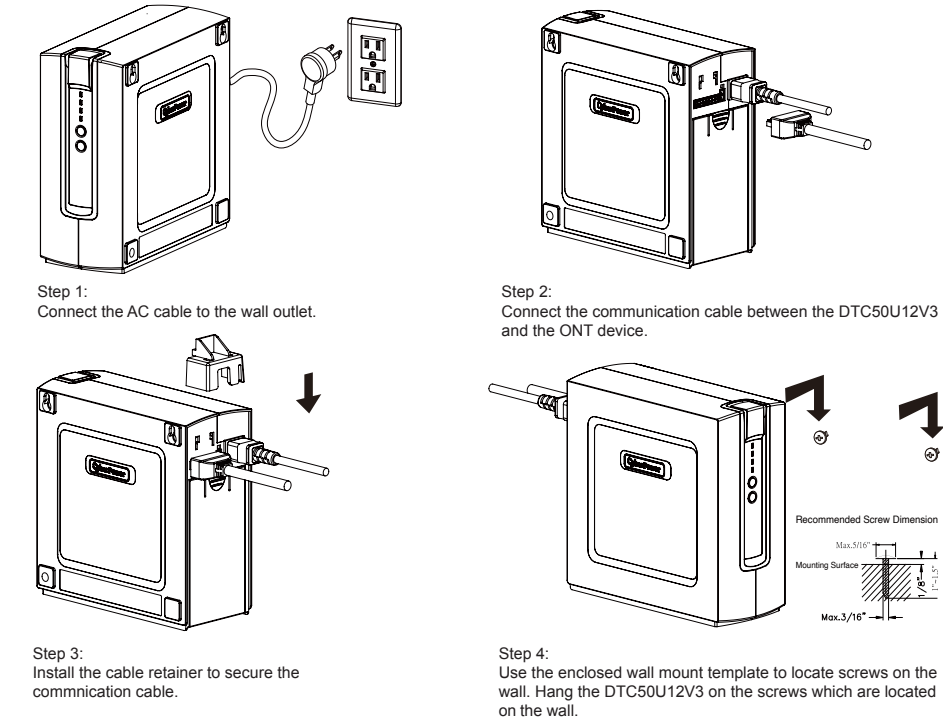


INSTALLATION

DESKTOP USE:

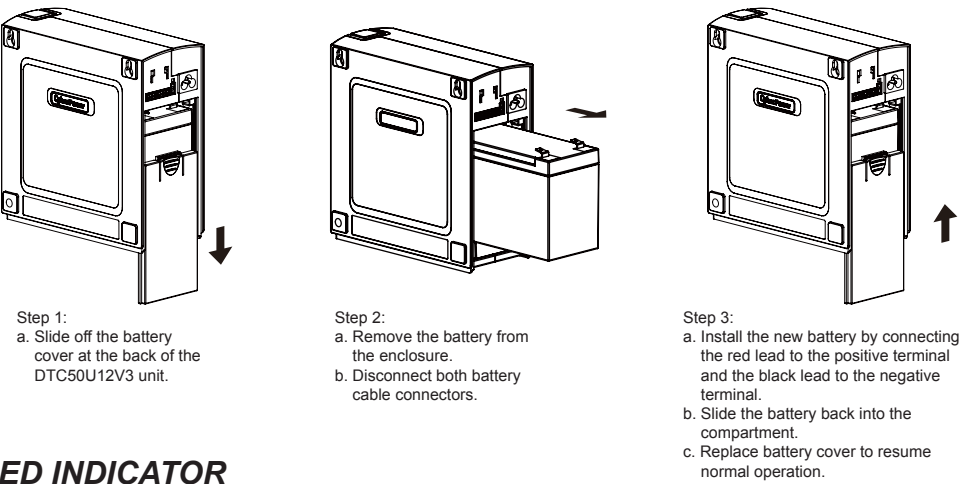
- 1.) Open the battery door at the back of the DTC50U12V3 and connect the battery wires.
- 2.) Plug AC power cable into wall outlet.
- 3.) Connect the communication cable and simply place the DTC50U12V3 unit on or underneath desk to begin backing up the optical home network.

WALL MOUNT USE:



BATTERY REPLACEMENT

As long as utility power is on, you may leave the UPS and connected equipment on while replacing a new battery. (For service personnel reference only)



LED INDICATOR

Indicator	Color	Condition
SYSTEM STATUS	Green	Indicates normal mode of operation.
DC	Green	Indicates the battery is supplying the power. At 45% battery capacity, the LED will flash and then alarm will beep 4 times per minute.
MUTE	Orange	Press and hold the button "Alarm Silence" for 0.5 seconds to silence the audible alarm for 24 hours, and the LED will flash.
BATTERY	Red	Battery replacement required. Alarm will beep once every 15 minutes. The LED also illuminates when battery is absent.

ALARM SILENCE

The audible alarm will be enabled when the unit is operating from battery or battery power is low. Press the Alarm Silence button for 0.5 seconds, the unit will beep once confirming that audible alarms have been temporary disabled for 24 hours. Press this button one more time for 0.5 seconds to enable audible alarms again. The unit will beep twice confirming that audible alarms have been enable. Or press and hold the Alarm Silence button for 15 seconds the units will beep once confirm ing that audible alarms have been disabled permanently. To restore the audible alarm, press and hold the Alarm Silence button for 15 seconds and the unit will beep twice confirming that audible alarms have been enabled.

COLD START

The cold start feature is to supply power to the UPS and connected equipment when the UPS shuts down and no utility power is available. Before using the cold start feature, please make sure that the battery is properly charged. To turn on the cold start feature, please press and hold the cold start button until 4 LED indicators light up.