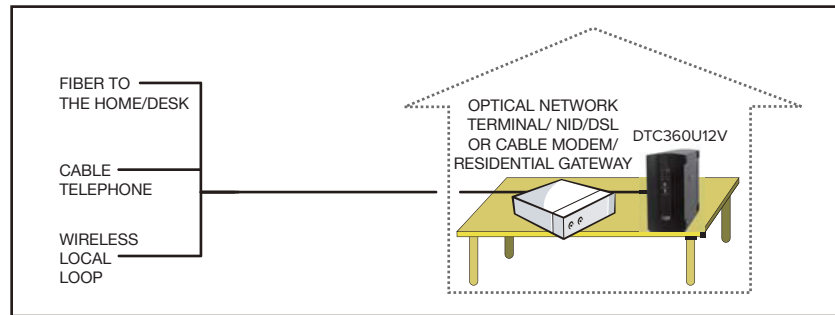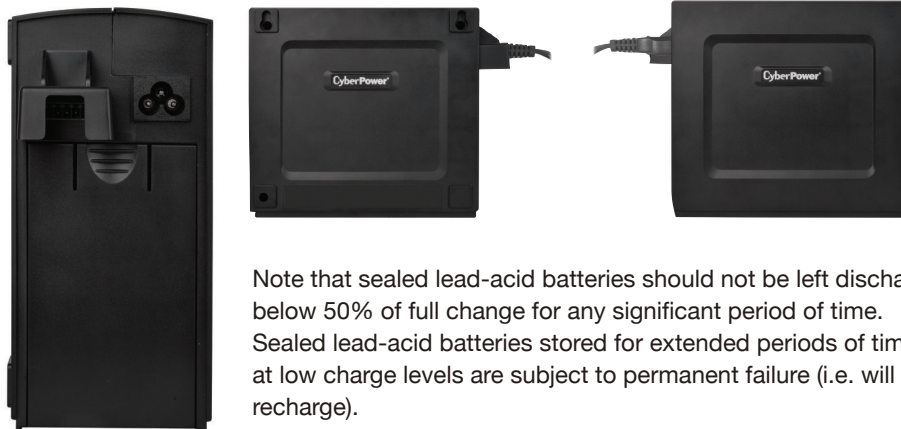## Model Number: DTC36U12V

### PRODUCT FEATURES

- FTTx Power Supply and Battery Backup Unit for desktop use
- Compact design saves installation space
- Visual indicators and audible alarm provide the unit status.
- Emergency cold start function allows for "last gasp" availability
- Easy user-replaceable batteries
- Safe shutdown prior to any thermal damage

The DTC36U12V is another state-of-the-art unit in CyberPower Systems' CyberShield line of reliable DC power supplies with battery back-up for Optical Network Terminals (ONT) / Network Interface Devices (NID). The unit is specifically designed for indoor use on user's desktop. The unit powers the ONT during normal conditions and provides battery power in the event of a power outage.



Keyhole slots for wall mounting



Note that sealed lead-acid batteries should not be left discharged below 50% of full change for any significant period of time. Sealed lead-acid batteries stored for extended periods of time at low charge levels are subject to permanent failure (i.e. will not recharge).

## Specifications

### INPUT
Voltave Range: 100 Vac - 240 Vac

Frequency Range: 50 - 60 Hz

### OUTPUT
On Battery Output Voltage: 12 Vdc

Continuous Power Capability: 36 W

Efficiency (at 75% Max Load): ≥ 80%

### BATTERY
Battery Type: Sealed, Maintenance Free Lead Acid Battery

Numbers of Battery: 12 Vdc / 7.2 AH x 1

Typical Recharge Time: 14 Hours (90% Charged)

Replaceable: Yes

### SURGE PROTECTION AND FILTERING
Lightning / Surge Protection: Yes

### MANAGEMENT
Battery Auto-Charge: Yes

### PHYSICAL
Dimensions (LxWxD): 16.8 cm x 8.1 cm x 18.5 cm

### ENVIRONMENT
Operating Temperature: 0° C - 40° C (32° F - 104° F)

Operating Humidity: 0 - 95% non-condensing withing enclosure

Max Operating Elevation: 10,000 ft (3,000 m)

Max Storage Elevation: 50,000 ft ( 15,000 m)

Storage Temperature: -20° C - 45° C (-4° F - 113° F)

### COUNTRY SPECIFIC MODEL NUMBERS
North American (NEMA 5-15): DTC36U12V-NA3,

DTC36U12V-NA3-G

United Kingdom (BS 1363): DTC36U12V-UK3

DTC36U12V-UK3-G

European Schuko (CEE7):

DTC36U12V-SC3

DTC36U12V-SC3-G

Australian/New Zealand (AS/NZS): DTC36U12V-AZ3

DTC36U12V-AZ3-G

### LED INDICATORS
System Status - Green - Indicates normal mode of operation.

DC - Green - Indicates the battery is supplying the power. At 45% battery capacity, this LED will flash and then alarm will beep 4 times per minute.

Mute - Yellow - Indicates that the alarm has been in silence. Solid - Permanent silence mode. Blinking - Temporary silence mode.

Battery - Red - Battery replacement required. Alarm will beep once every 15 minutes.

### BUTTONS
Alarm Silence: 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. Or press and hold the Alarm Silence button for 15 seconds the units will beep once confirming that audible alarms have been disabled permanently.

Cold Start: 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.