

## CyberShield™

FTTx DC Battery Backup System for ONT / NIDs

Model Number:

**DT30U12V-XX3**

**DT30U12V-XX3-G**

Battery Backup Unit for Desktop Use



### 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" 911 availability
- Easy user-replaceable batteries
- Safe shutdown prior to any thermal damage

### OVERVIEW:

The DT30U12V-XX3 / DT30U12V-XX3-G 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.

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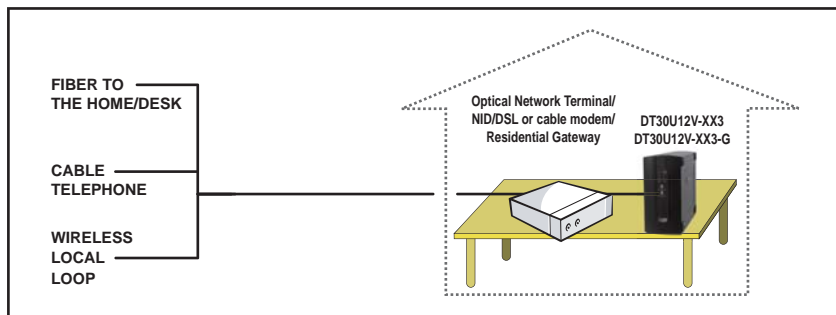


Note that sealed lead-acid batteries should not be left discharged below 50% of full charge for any significant period of time. Sealed lead-acid batteries stored for extended periods of time at low charge levels are subject to permanent failure (i.e. will not recharge)

## LED Indicators

| Indicator     | Color  | Condition  |
|---------------|--------|--|
| 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.   |
| ALARM SILENCE | Gray   | Press the Alarm Silence Button for 1 second to silence audible alarm for 24 hours. To permanently disable the audible alarm, press and hold the button for 15 seconds. |
| COLD START    | Gray   | To use reserve battery power or restart with new battery, press firmly and hold for 2 seconds, listening for beep and until all 4 LEDs light, then release.            |

## CyberShield Application



## Technical Specifications

| Model                                 | DT30U12V-XX3  | DT30U12V-XX3-G |
|---------------------------------------|---|----------------|
| <b>Input</b>                          |   |                |
| Voltage Range                         | 100Vac – 240Vac   |                |
| Frequency Range                       | 47-70Hz   |                |
| Output Ground Reference               | Floating Ground   | Earth Grounded |
| <b>Output</b>                         |   |                |
| On Battery Output Voltage             | 12Vdc   |                |
| Continuous Power Capability           | 30W   |                |
| Efficiency (at 75% Max Load)          | >75%  |                |
| <b>Battery</b>                        |   |                |
| Battery Type                          | Sealed, Maintenance Free Lead-Acid Battery  |                |
| Numbers of Battery                    | 12Vdc / 7.2AH x 1   |                |
| Typical Recharge Time                 | <24 hours   |                |
| Replaceable                           | Yes   |                |
| <b>Surge Protection and Filtering</b> |   |                |
| Lightning / Surge Protection          | Yes   |                |
| <b>Management</b>                     |   |                |
| Auto-Charge                           | Yes   |                |
| <b>Physical</b>                       |   |                |
| Maximum Dimensions (HxWxD) (in)       | 6.6 x 3.2 x 7.3   |                |
| Weight (lb)                           | 7.16 (with battery)   |                |
| <b>Environment</b>                    |   |                |
| Operating Temperature                 | -20°C – 45°C (-4°F - 113°F) at full power<br>Operation at 50°C (122°F) with derating to 24W |                |
| Operating Humidity                    | 0 – 95% noncondensing within enclosure  |                |
| Max Operating Elevation               | 10,000ft (3,000m)   |                |
| Max Storage Elevation                 | 50,000ft (15,000m)  |                |
| Storage Temperature                   | -20°C – 45°C (-4°F - 113°F)   |                |
| <b>Regulatory Approvals</b>           |   |                |
| System                                | FCC Part 15 Class B, UL60950  |                |
| <b>Country Specific Model Numbers</b> |   |                |
| North American (NEMA 5-15)            | DT30U12V-NA3  | DT30U12V-NA3-G |
| United Kingdom (BS 1363)              | DT30U12V-UK3  | DT30U12V-UK3-G |
| European Schuko (CEE7)                | DT30U12V-SC3  | DT30U12V-SC3-G |
| Australian/New Zealand (AS/NZS)       | DT30U12V-AZ3  | DT30U12V-AZ3-G |



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For more information, visit CyberPower's Web Site at [CPSWW.com](http://CPSWW.com) or call 1-877-CY-POWER