CyberShield™

FTTx DC Battery Backup System for ONT / NIDs

CyberPower®

Model Number:

DT30U12V-NA3
DT30U12V-NA3-G

Battery Backup Unit for Desktop Use
(See Back for Country Specific Model Numbers)

SYSTEM STATUS
DC
MUTE
BATTERY
ALARM SILENCE
COLD START

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-NA3 / DT30U12V-NA3-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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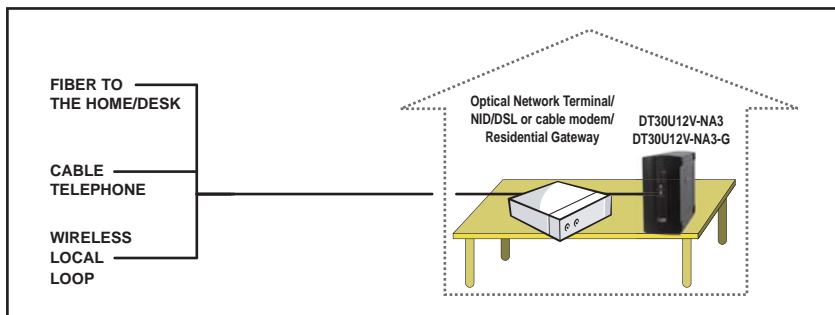
Keyhole slots for wall mounting

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)

CyberShield Application

FIBER TO THE HOME/DESK

CABLE TELEPHONE

WIRELESS LOCAL LOOP

Optical Network Terminal/ NID/DSL or cable modem/ Residential Gateway

DT30U12V-NA3 DT30U12V-NA3-G

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.

Technical Specifications

Model	DT30U12V-NA3	DT30U12V-NA3-G
Input		
Voltage Range	100Vac – 240Vac	
Frequency Range	47-70Hz	
Output Ground Reference	Floating Ground	Earth Grounded
Output		
On Battery Output Voltage	12Vdc	
Continuous Power Capability	30W	
Efficiency (at 75% Max Load)	>75%	
Battery		
Battery Type	Sealed, Maintenance Free Lead-Acid Battery	
Numbers of Battery	12Vdc / 7.2AH x 1	
Typical Recharge Time	<24 hours	
Replaceable	Yes	
Surge Protection and Filtering		
Lightning / Surge Protection	Yes	
Management		
Auto-Charge	Yes	
Physical		
Maximum Dimensions (HxWxD) (in)	6.6 x 3.2 x 7.3	
Weight (lb)	7.16 (with battery)	
Environment		
Operating Temperature	-20°C – 45°C (-4°F - 113°F) at full power 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)	
Regulatory Approvals		
System	FCC Part 15 Class B, UL60950	
Country Specific Model Numbers		
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
Brazil (NBR 14136)	DT30U12V-BZ3	DT30U12V-BZ3-G

For more information, visit CyberPower's Web Site at CPSWW.com or call 1-877-CY-POWER

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