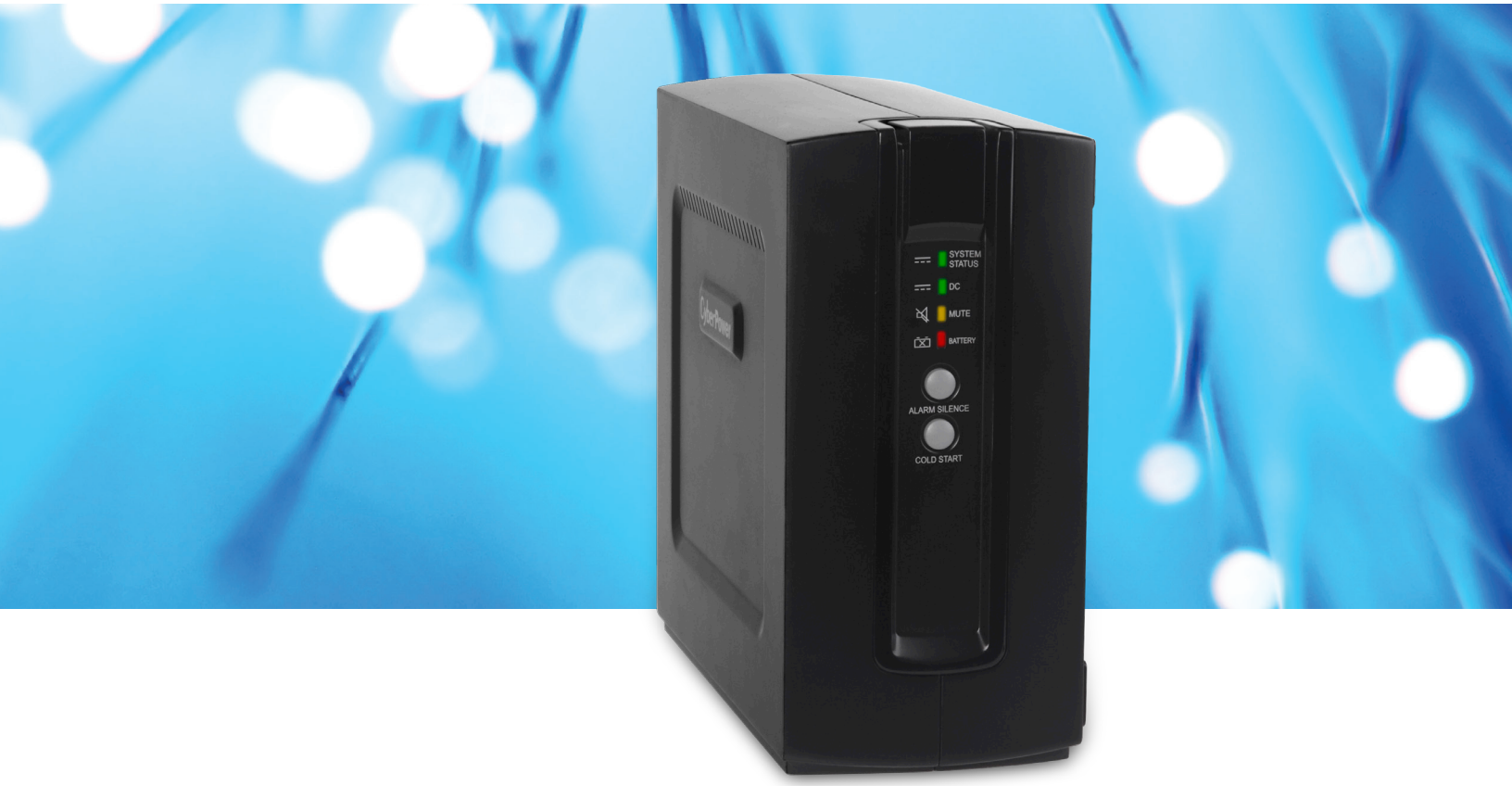
CyberPower

CyberShield™
DT3OU12V



Local Power Source with Battery Backup for Broadband and Telecom Applications.

The DT3OU12V FTTx DC power supply and battery backup is designed for desktop and mountable locations inside the home in contrast to traditional out-of-sight locations such as garages, basements, and utility closets. This makes the DT3OU12V unlike any model in the industry and its flexibility allows for reduced installation costs. The model allows providers to install the devices faster and in plain view, where they can be positioned with other utility devices such as phones, cable boxes and home electronics.

The DT3OU12V features an advanced LED and audible indicator system for simple interpretation of the unit's status. The improved battery maintenance and test algorithm accurately tests and maintains the battery for peak performance with minimal degradation and allows for the greatest utilization of the battery's capacity.

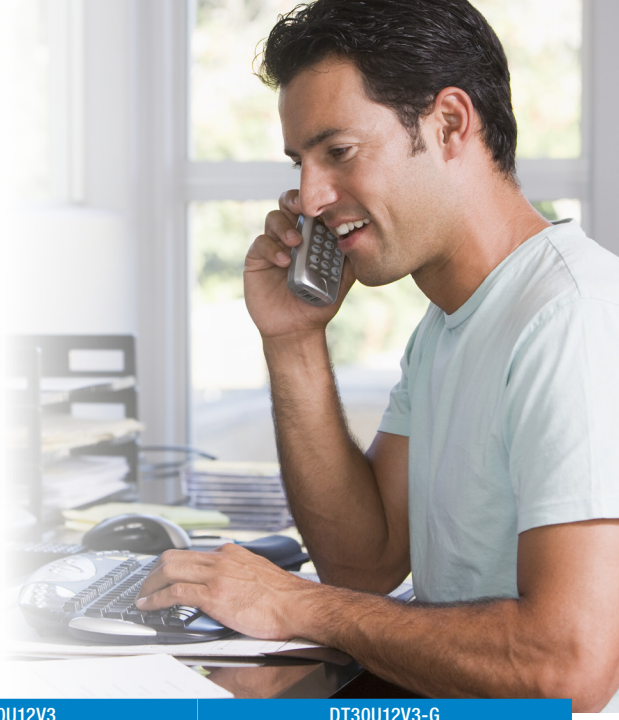
DT3OU12V Highlights

- Designed for desktop use
- Compact design saves installation space
- Visual indicators and audible alarm provide quick unit status
- Emergency cold start function
- Easy user-replaceable batteries

Local Powering Solution

- Cable Telephone
- Wireless Local Loop
- VoIP and VoDSL
- Fiber to the Home
- Fiber to the Desk
- SOHO Network Communication

CyberShield Application



Interface Overview

- **System Status:** Indicates if system is operating normally.
- **DC:** Indicatesthe battery is supplying the power.
- **Mute:** Indicates the Audible Alarm is silenced.
- **Battery:** Indicates battery presence and if replacement is required.
- **Alarm Silence:** Allows users to silence alarm for 24 hours or indefinitely.
- **Cold Start:** Activates reserve battery power or restart with new battery.

MODELS	DT30U12V	DT30U12V3	DT30U12V3-G
AC INPUT			
Input Voltage Range	90 – 264Vac		
Input Frequency Range	47 – 70Hz		
Input Power Cord	IEC320 / C7, 2-Prong Cord	IEC320 / C5, 3-Prong Cord	
Output Ground Reference	Floating Ground		Grounded
DC OUTPUT			
On Battery Output Voltage	12Vdc with Over Voltage Protection		
Continuous Power Capability	30W		
Output Power Max	30W		
Efficiency (at Full Load)	> 80% @ Line Mode, > 90% @ DC Mode		
BATTERY			
Battery Type	Sealed, Maintenance Free Lead-Acid Battery		
Numbers of Battery	7.2Ah / 12V x 1		
Typical Recharge Time	14 Hours (90% Charged)		
Replaceable	Yes		
SURGE PROTECTION & FILTERING			
Lightning / Surge Protection	Yes (6kV @ 8/20μs) per IEEE C62.41.2 and GR-1089		
WARNING DIAGNOSTICS			
Audible Indicator	Utility Failure, Low Battery		
LED Indicators	System Status, DC, Mute, Battery		
MANAGEMENT			
Auto-Charge	Yes – Thermally compensated		
Communication Interface	On Battery, Replace Battery, Missing Battery, Low Battery		
PHYSICAL			
Maximum Dimensions (L*W*D)	16.76cm x 18.54cm x 8.13cm		
Weight (kg)	3.25 (with battery)		
ENVIRONMENT			
Operating Temperature	-4°F – 113°F (-20°C – 45°C) at full power Operation at 50°C (122°F) with derating to 24W		
Operating Humidity	0 – 95% Non-condensing		
Max Operating Elevation	10,000 ft. (3,000 m)		
Max Storage Elevation	50,000 ft. (15,000 m)		
Storage Temperature	-4° – 113°F (-20°C – 45°C)		
COMPLIANCE			
System	UL60950-1 2nd Edition, FCC Part 15 Class B		
VARIANTS			
North America (NEMA 1-15)	DT30U12V	–	–
North America (NEMA 5-15)	–	DT30U12V-NA3	DT30U12V-NA3-G
European Schuko (CEE 7)		DT30U12V-SC3	DT30U12V-SC3-G
Australian/New Zealand (AS/NZS)	–	DT30U12V-AZ3	DT30U12V-AZ3-G
United Kingdom (BS 1363)	–	DT30U12V-UK3	DT30U12V-UK3-G
Brazil (NBR 14136)	–	DT30U12V-BZ3	DT30U12V-BZ3-G
Special Order	–	–	DT30U12V-NA3-G-SB

Please 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.