CyberPower

DTC36U12V3-G INDOOR CYBERSHIELD FTTX SYSTEM

Local power source with battery backup for broadband and telecom applications

The DTC36U12V3-G 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 DTC36U12V3-G 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 DTC36U12V3-G 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.

TYPICAL APPLICATIONS
- Cable Telephony
- Wireless Local Loop
- VoIP and VoDSL
- Fiber to the Home
- SOHO Network Communication
- MTU/MDU

FEATURES
- Desktop FTTx Power Supply and Battery Backup Unit
- Compact Design
- Visual Indicators and Audible Alarms
- Safe Shutdown
- Cold Start Functionality
- User-Replaceable Batteries

SPECIFICATIONS

AC INPUT	
Input Voltage Range	100-240 Vac (Universal Input)
Input Frequency Range	50 - 60 Hz

DC OUTPUT	
On Battery Output Voltage	12Vdc
Continuous Power Capability	36W
Output Power Max	36W
Efficiency	>80% (Line Mode) >90% (DC Mode)

BATTERY	
Battery Type	Sealed Lead-Acid
Number of Batteries	(1) 12V / 7.2Ah
Typical Recharge Time	16 Hours (90% Charged)
User-Replaceable	Yes
Replacement Battery	RB1270

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SPECIFICATIONS CONT.

SURGE PROTECTION AND FILTERING

Lightning / Surge Protection	Yes (6kV @ 8/20μs) per IEC 61000-4-5, GR-1089, and K.21 enhance level

WARNING DIAGNOSTICS

LED Indicators	System Status, DC, Mute, Battery
Audible Indicators	Utility Failure, Replace Battery, Low Battery

MANAGEMENT

Auto-Charge	Yes
Communication Interface	On Battery, Replace Battery, Battery Missing, Low Battery

PHYSICAL

Dimensions - LxWxD (cm)	16.8 x 8.2 x 18.5 cm
Weight (kg)	3.13 kg (including battery)
Cord Length	8 ft.

ENVIRONMENTAL

Operating Temperature	-4° F – 113 °F (-20° C – 45 °C)
Operating Relative Humidity	0 – 95% Non-condensing
Storage Temperature	-4° – 113 °F (-20°–45°C)
Maximum Operating Elevation	10,000 ft (3,048 m)
Maximum Storage Elevation	50,000 ft (15,240 m)

CERTIFICATIONS

Compliance	UL 62368-1; FCC Part 15 Subpart B, Class B; ICES-003 Issue 7, Class B; IEC62368-1; EN55032 (CISPR 32), Class B; EN55035; EN61000-3-2; EN61000-3-3; AS/NZS (CISPR 32), Class B

WARRANTY

Product Warranty	Three-Years Limited