

CyberPower

CS50U48V

INDOOR CYBERSHIELD FTTx SYSTEM

Indoor power source with battery backup for telecom applications



The CS50U48V Indoor CyberPower CyberShield FTTx System provides cable telephony, wireless local loop (WLL) and fiber to the premise (FTTx) suppliers with a dependable, cost effective, local battery backup and power supply for home and office networking equipment.

Designed for interior installation, the CS50U48V provides a durable casing to protect the model and keyhole slots for wall-mounting in locations such as basements, mudrooms, utility closets and garages.

The unit supplies surge protection and continuous 48Vdc during power surges and outages, keeping local power network interface units up and running.

TYPICAL APPLICATIONS

- Network Interface Devices
- Wireless Based Stations
- Cable Telephony
- Fiber to the Home
- Optical Network Terminals
- Integrated Access Devices

FEATURES

- Microprocessor Based Intelligent Control
- Telemetry Interface
- Audible and LED Indicators
- Optional Extensible Runtime
- User-Replaceable Battery
- Cold Start and Functionality

SPECIFICATIONS

AC INPUT

Input Voltage Range	90-264Vac
Input Frequency Range	47-70Hz
Input Power Cord	IEC 60320 C7, 2-Prong Cord

DC OUTPUT

On Battery Output Voltage	48Vdc
Continuous Power Capability	50W
Output Power Max	50W
Efficiency	>75% at Full Load

BATTERY

Battery Type	Sealed Lead-Acid
Number of Batteries	(1) 12V/20Ah
Typical Recharge Time	<24 Hours
User-Replaceable	Yes
Replacement Battery	RB1270

SURGE PROTECTION AND FILTERING

Lightning/Surge Protection	Yes
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SPECIFICATIONS CONT.

WARNING DIAGNOSTICS

Audible Indicator	Utility Failure, Low Battery
LED Indicators	AC, Output, Battery

MANAGEMENT

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

PHYSICAL

Maximum Dimensions (LxWxD) (cm)	30 x 28 x 9.9
Weight (kg)	7.7 (Including Battery)
Cord Length	10'

ENVIRONMENTAL

Operating Temperature	32°–104°F (0°–40°C)
Operating Relative Humidity	0–95% Non-condensing
Storage Temperature	5°–113°F (-15°–45°C)
Maximum Operating Elevation	10,000 feet (3,000 meters)
Maximum Storage Elevation	50,000 feet (15,000 meters)

CERTIFICATIONS

Compliance	UL60950-1, FCC Part 15 Class B, CISPR 22 Class B
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WARRANTY

Product Warranty	Three-Years Limited
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