

CyberPower

CSN27U12V INDOOR CYBERSHIELD FTTx SYSTEM



Indoor power source with battery backup for telecom applications

The CSN27U12V 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. This FTTx DC power supply brings new features to the CyberShield FTTx product line including enhanced surge protection, thermally compensated battery charging, improved efficiency and more.

Designed for interior installation, the CSN27U12V 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 6kV survivable surge protection and continuous 12Vdc during power surges and outages, keeping local power network interface units up and running.

TYPICAL APPLICATIONS

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

FEATURES

- AC Input 6kV Surge Survivable
- Temperature Compensated Charging
- Enhanced ESD Immunity
- EMI Performance Improvement
- OVP/OCV and ONT Reset Functionality
- Cold Start and Silence Buttons

Price: \$90

SPECIFICATIONS

| AC INPUT | | BATTERY | |
|-----------------------------|--|--------------------------------|-------------------------|
| Input Voltage Range | 100-240Vac (Universal Input) | Battery Type | Sealed Lead-Acid |
| Input Frequency Range | 50-60Hz | Number of Batteries | (1) 12V/7.2Ah |
| Input Power Cord | IEC 60320 C7, 2-Prong Cord IEC 60320 C5, 3-Prong Cord | Typical Recharge Time | 14+ Hours (90% Charged) |
| DC OUTPUT | | User-Replaceable | Yes |
| On Battery Output Voltage | 12Vdc | Replacement Battery | RB1270 |
| Continuous Power Capability | 27W | SURGE PROTECTION AND FILTERING | |
| Output Power Max | 30W<5 seconds | Lightning/Surge Protection | Yes |
| Efficiency | >80% at Line Mode, >90% at DC Mode | | |

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SPECIFICATIONS CONT.

WARNING DIAGNOSTICS

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

MANAGEMENT

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

PHYSICAL

| | |
|---------------------------------|-----------------|
| Maximum Dimensions (LxWxD) (cm) | 16.7 x 19 x 8.3 |
| Weight (kg) | 3.03 |
| Cord Length | 8' |

ENVIRONMENTAL

| | |
|-----------------------------|-----------------------------|
| Operating Temperature | -4°-113°F (-20°-45°C) |
| Operating Relative Humidity | 0-95% Non-condensing |
| Storage Temperature | -4°-113°F (-20°-45°C) |
| Maximum Operating Elevation | 10,000 feet (3,000 meters) |
| Maximum Storage Elevation | 50,000 feet (15,000 meters) |

CERTIFICATIONS

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|------------|--|
| Compliance | UL 60950-1, 2nd Edition, CAN/CSA C22.2 No. 60950-1-07, IEC/EN 60950-1, FCC PART 15 CLASS B, CISPR 22 CLASS B |
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WARRANTY

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| Product Warranty | Three-Years Limited |
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