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/OCP and ONT Reset Functionality
• Cold Start and Silence Buttons

SPECIFICATIONS

AC INPUT	
Input Voltage Range	100-240Vac (Universal Input)
Input Frequency Range	50-60Hz
Input Power Cord	IEC 60320 C7, 2-Prong Cord IEC 60320 C5, 3-Prong Cord

DC OUTPUT	
On Battery Output Voltage	12Vdc
Continuous Power Capability	27W
Output Power Max	30W<5 seconds
Efficiency	>80% at Line Mode, >90% at DC Mode

BATTERY	
Battery Type	Sealed Lead-Acid
Number of Batteries	(1) 12V/7.2Ah
Typical Recharge Time	14+ Hours (90% Charged)
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, 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

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

WARRANTY

Product Warranty	Three-Years Limited