

CyberPower

CSN30C12V-E OUTDOOR CYBERSHIELD FTTx SERIES



Outdoor local power source with battery backup for broadband and telecom applications

The CSN30C12V-E Outdoor CyberPower CyberShield FTTx System provides cable telephony, wireless local loop (WLL) and fiber to the home (FTTH) providers with a dependable, cost effective local power supply for customer premise(s) and equipment (CPE). CyberShield provides the Multiple Service Operator (MSO) with a local powering solution that has lower installation, operational and service costs than competing power technologies.

Designed for outdoor installation, the CyberShield allows service providers easy access to the power supply and battery. Outdoor mounting eliminates the need to schedule a service appointment and a subscriber to enter a residence or business location.

The CSN30C12V-E keeps network communications, including telephone, up and running during power outages.

The unit functions as a battery backup supplying continuous 12Vdc to locally power network interface units.

TYPICAL APPLICATIONS

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

FEATURES

- 12+ Hours of System Backup Power (@6W)
- Universal Input Voltage 100-240Vac
- Microprocessor Based Intelligent Control
- Communication Interface
- Cold Start
- User-Replaceable Batteries
- Optional Extendable Runtime
- 6kv Surge Protection

SPECIFICATIONS

AC INPUT	
Input Voltage Range	100-240Vac (Universal Input)
Input Frequency Range	50-60Hz
DC OUTPUT	
On Battery Output Voltage	12Vdc
Continuous Power Capability	30W
Output Power Max	30W
Efficiency	>83%

BATTERY	
Battery Type	Sealed Lead-Acid
Number of Batteries	(1) 12V/7.2Ah
User-Replaceable	Yes
Replacement Battery	RB1270

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SPECIFICATIONS CONT.

SURGE PROTECTION AND FILTERING

Lightning/Surge Protection	Yes, 6kv
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WARNING DIAGNOSTICS

LED Indicators	AC, Output, Battery
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MANAGEMENT

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

PHYSICAL

Dimensions (LxWxD)(in)	10.8 x 8.0 x 3.9
Dimensions (LxWxD)(cm)	27.5 x 20.4 x 9.9
Weight (lb)	7.7
Weight (kg)	3.51
Cord Length	10'

ENVIRONMENTAL

Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Operating Relative Humidity	0-95% (non-condensing)
Storage Temperature	-4°F to 122°F (-20°C to 50°C)
Maximum Operating Elevation	10,000 feet (3,000 meters)
Maximum Storage Elevation	50,000 feet (15,000 meters)

CERTIFICATIONS

Compliance	UL62368/CE (IEC/EN 60950-1), FCC PART 15 CLASS B, CISPR 22 CLASS B, NEMA Type 3R
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WARRANTY

Product Warranty	Three-Years Limited
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