CyberPower

CS150U48V3 OUTDOOR CYBERSHIELD FTTx SYSTEM

Local Power Source with Battery Backup for Broadband and Telecom Applications

The CyberPower CyberShield solution provides cable telephony, wireless local loop and fiber to the premises providers with a dependable, cost effective local power supply for customer premises equipment. CyberShield provides the Multiple Service Operator with a local powering solution that has lower installation costs, lower operational costs and lower service costs than competing power technologies.

CyberShield keeps network communications, including telephone, up and running during power outages. The unit functions as a battery backup supplying continuous 48Vdc to locally power network interface units, cable telephony modems, wireless base stations and fiber to the premises interface modules or integrated access devices.

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

FEATURES
- Universal Input Voltage 115Vac/230Vac
- Microprocessor Based Intelligent Control
- Communication Interface
- Higher Operating Efficiency
- Weather-Proof Outdoor Use (IPx4 Protection Rating)
- Power Factor Correction (PFC) Functionality

SPECIFICATIONS

INPUT	
Input Voltage Range	100-240Vac (Universal Input)
Input Frequency Range	50-60Hz
OUTPUT	
On Battery Output Voltage	48Vdc
Output Rated Power	150W
Output Connection	7-Pin Communication Signal Connector (DECA-ME230-50014) x 2
Efficiency	>85

BATTERY	
Battery Type	Sealed Lead-Acid
Number of Batteries	(4 or 8) 12V/7.2Ah
Typical Recharge Time	<24 Hours
User-Replaceable	Yes

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SPECIFICATIONS CONT.

SURGE PROTECTION AND FILTERING

Lightning/Surge Protection	Yes

WARNING DIAGNOSTICS

LED Indicators	AC/DC mode, Battery Missing x2, DC output

MANAGEMENT

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

PHYSICAL

Dimensions (HxWxD)(cm)	40.0 × 38.9 × 23.0
Weight (kg)	28 (with 8pcs battery)

ENVIRONMENTAL

Operating Temperature	-4°-131°F (-20°–55°C)
Operating Relative Humidity	0–95% Non-condensing
Storage Temperature	-4°–131°F (-20°–55°C)
Maximum Operating Elevation	10,000 feet (3,000 meters)
Maximum Storage Elevation	50,000 feet (15,000 meters)

CERTIFICATIONS

Compliance	UL60950-1,CSA C22.2 No.60950-1-07; IEC60950-22A, FCC PART 15 CLASS B, CISPR 22 CLASS B, IPx4; GR-63 Sect 4.2 Fire Resistance, GR-1089 Sect 3 Emissions, Sect 4 Lightning and AC; Power Fault, Sect 7 Electrical Safety

WARRANTY

Product Warranty	Three-Years Limited