

# CyberPower

## CS24C12V2-E

### OUTDOOR CYBERSHIELD

### FTTx SYSTEM



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

The CS24C12V2-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 CS24C12V2-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

## 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 | 24W                          |
| Output Power Max            | 24W                          |
| Efficiency                  | >75%                         |

| 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                  |

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## SPECIFICATIONS CONT.

### SURGE PROTECTION AND FILTERING

|                            |     |
|----------------------------|-----|
| Lightning/Surge Protection | Yes |
|----------------------------|-----|

### WARNING DIAGNOSTICS

|                |                     |
|----------------|---------------------|
| LED Indicators | AC, Output, Battery |
|----------------|---------------------|

### MANAGEMENT

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

### PHYSICAL

|                        |                   |
|------------------------|-------------------|
| Dimensions (LxWxD)(cm) | 27.5 x 20.4 x 9.9 |
| Weight (kg)            | 3.51              |
| Cord Length            | 10'               |

### ENVIRONMENTAL

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature       | 5°-122°F (-15°-50°C)        |
| Operating Relative Humidity | 0-95% Non-condensing        |
| Storage Temperature         | 5°-122°F (-15°-50°C)        |
| Maximum Operating Elevation | 10,000 feet (3,000 meters)  |
| Maximum Storage Elevation   | 50,000 feet (15,000 meters) |

### CERTIFICATIONS

|            |                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------|
| Compliance | UL60950-1/CSA CS22.2 NO.60950-1-07, IEC/EN 60950-1, FCC PART 15 CLASS B, CISPR 22 CLASS B, NEMA Type 3R |
|------------|---------------------------------------------------------------------------------------------------------|

### WARRANTY

|                  |                     |
|------------------|---------------------|
| Product Warranty | Three-Years Limited |
|------------------|---------------------|