CyberShield™
Telecommunication DC UPS

CyberPower®

LOCAL POWERING SOLUTION FOR:

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

PRODUCT FEATURES:

- Leading-edge lithium-ion BBU solution to achieve extremely compact size
- Microprocessor based intelligent control
- Communication interface to provide status updates to the ONT and customer
- Audible Alarm signals utility failure and low battery
- Easy user-replaceable batteries
- Emergency cold start function allows for "last gasp" 911 availability

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Local Power Source with Battery Backup for Broadband and Telecom Applications

The CyberPower CyberShield solution 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) equipment (CPE). CyberShield provides the Multiple Service Operator (MSO) 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 premise interface modules or integrated access devices.
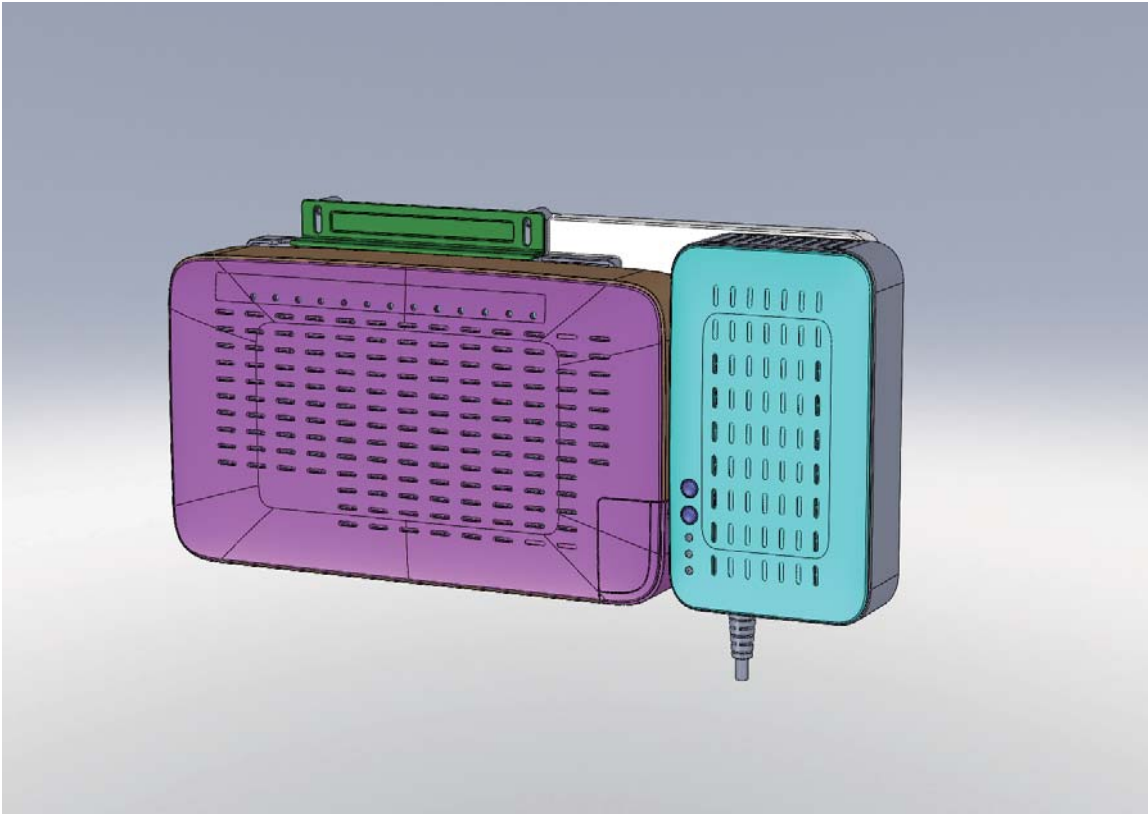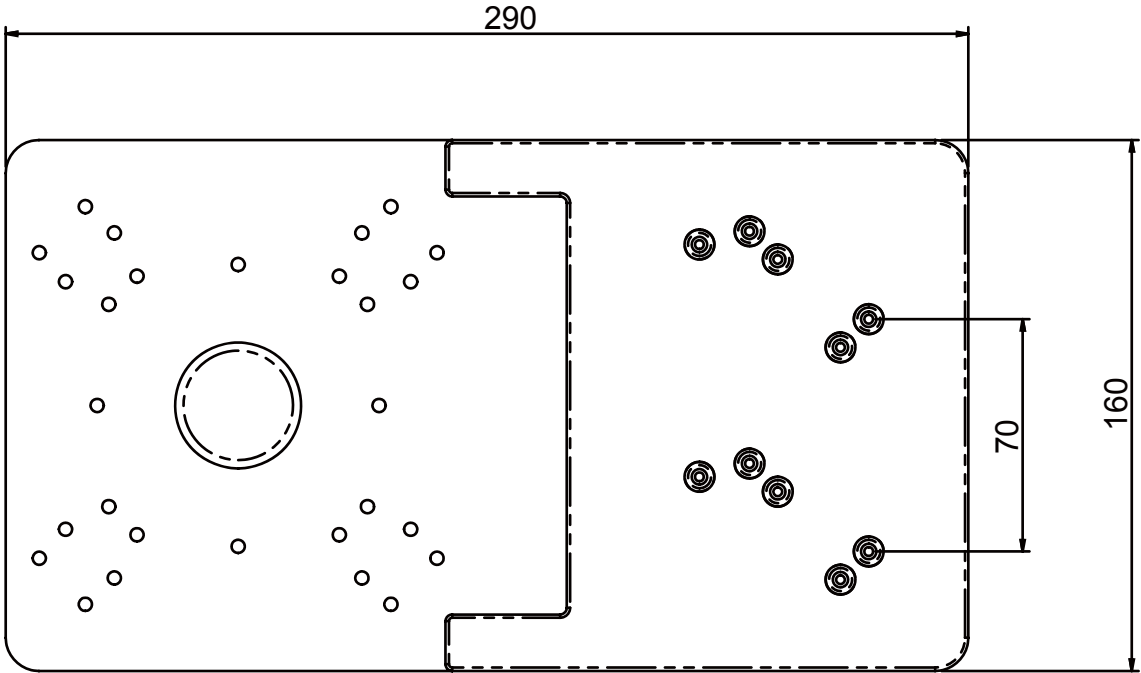
Lithium-Ion Battery Disposal Guidelines:
When the cell is worn out, insulate the terminals with adhesive tape or similar materials before disposal. When disposing of secondary cells or batteries, keep cells or batteries of different electrochemical systems separate from each other.

Model Number	CPLI72D48V
Input	
Nominal Voltage	54Vdc
Input Voltage Range	46 ~ 56Vdc
Output	
Output Voltage	52Vdc
Continuous Output Power (Line Mode)	72W
Continuous Output Power (Battery Mode)	40W
Efficiency	>80%
Standby Power Consumption	<1.5W
Transfer Time	<1ms
Typical Backup Time	30mins @ 40W Load
Battery	
Battery Type	Lithium-Ion Rechargeable Battery
Numbers of Cell	4
Nominal Voltage Per Cell	3.6Vdc
Replaceable	Yes
Warning Diagnostics	
Indicators	Output, On Battery, Fault
Management	
Auto-Charge	Yes
Communication Interface	On Battery, Replace Battery, Battery Missing, Low Battery
Physical	
Maximum Dimensions (W*D*H)	6.50in x 3.78in x 1.85in (165mm x 96mm x 47mm)
Weight	1.28lb
Environmental Specifications	
Operating Temperature	23°F to 131°F (-5°C to 55°C)
Operating Humidity	0 to 95% non-condensing within enclosure
Max Operating Elevation	10,000ft (3,000m)
Max Storage Elevation	50,000ft (15,000m)
Storage Temperature	23°F to 131°F (-5°C to 55°C)
Compliance	UL60950-1 2nd Edition, FCC Part 15 Class B

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For more information, visit CyberPower's Web Site at www.CPSww.com or call 1-877-CY-POWER

Mounting Bracket - CPLI72MNT

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Lithium-ion Battery Pack - LI2200S4P1BTRP

Model Number	LI2200S4P1BTRP	
Basic Characteristics		
Battery Type	Lithium-Ion Rechargeable Battery	
Numbers of Cell	4	
Nominal Voltage (per cell)	3.6Vdc	
Rated Charge	1A and constant 4.2V charge for 3h or 44mA at 23°C	
Rated Discharge	Constant 0.4A discharge to 2.8V at 23°C	
Rated Capacity	2.2Ah (Typical)	
End of Charge Voltage	4.20 ± 0.05V	
End of Discharge Voltage	2.8V	
Charging Time	3 Hours	
Maximum Charging Current	2A	
Physical		
Body Dimensions (L*W*H)	2.83in x 1.48in x 1.57in (72mm x 37.6mm x 40mm)	
Weight	0.42lb (192g)	
Battery Connection		
BBU Inlet	Plastic Housing	H7625P1-03
	Contact	56T(LF)
Battery Wiring Connector	Plastic Housing	H7625R1-03
	Contact	55T(LF)
Environmental Specifications		
Operating Temperature	23°F to 131°F (-5°C to 55°C)	
Storage Temperature	<35°C (12 Months)	
Shelf Life	1 Year	

40 ±0.20

72.00 ±0.20

37.60 ±0.20

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