



## CA25U16V2-AT Power Adapter

Cost-effective feature-rich power supply for ONT, cable, WLL, or other telephony applications not requiring battery backup, or utilizing battery backup as an option.

The CyberPower CA25U16V2-AT Power Adapter (PA) supplies 16Vdc regulated power to cable telephone, wireless local loop (WLL) and fiber to the premise (FTTx) suppliers with a dependable, cost-effective, power supply for home networking equipment. This FTTx DC power supply brings new features to the CyberShield FTTx DC product line including enhanced surge protection above and beyond the IEEE C62.41 Category B requirements normally considered. Up to 6kV differential and common-mode survivable protection on the AC input.

This PA is universal input, accepting 100 - 240Vac inputs without user intervention. Rated output is 16Vdc at 1.6A. Over Current Protection is applied at 1.8A draw, with self-recovery for temporary faults. Rated continuous power draw is 25W.

There is an Auxiliary Input to allow battery backup option when used with the DBH36D12V-AT, sold separately.

### Typical Applications

- ONT's
- Cable Telephony
- Wireless Local Loop
- VoIP and VoDSL
- Fiber to the Home

### Features

- 16Vdc Output supporting installation distances up to 100 feet between the PA and ONT.
- Output: 1.6A nominal
- Built-in Overload Protection
- Over Current Protection
- Over Voltage Protection
- Reset Button
- Auxiliary Input 9.5 - 19.5Vdc for support during power failures
- Limited Lifetime Warranty

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GENERAL	
Type	Power Adapter
INPUT	
Rating Voltage Range	100Vac - 240Vac
Rating Frequency Range	47 - 63Hz
Input AC Current	1A Max.
OUTPUT	
Rating Voltage	16Vdc
Maximum Current (Continuous)	1600mA
Rating Power (Continuous)	25W
Efficiency	> 80%
AUXILIARY POWER SUPPLY	
Operation Input Voltage Range	9.5 - 19.5Vdc
Charge Function	No
PROTECTION	
Output Short Protection	Yes
Over Output Voltage Protection	19.5Vdc $\pm$ 5%
Over Output Current Protection	1800mA $\pm$ 5%
WARNING DIAGNOSTICS	
Power Ok Indicator	Green: The output is normal.
On Battery Status Function	Low Resistance: Line Mode High Resistance: On Battery Mode
PHYSICAL	
Maximum Dimensions (L*W*D)	19.3cm x 8.5cm x 4.5cm
Weight (Net)	460g
ENVIRONMENT	
Operating Temperature	-40°F - 149°F (-40°C - 65°C)
Operating Humidity	0 - 95% Non-condensing
Max Operating Elevation	10,000 ft. (3,000 m)
Max Storage Elevation	50,000ft (15,000m)
Storage Temperature	-40°F - 149°F (-40°C - 65°C)
COMPLIANCE	
System	UL60950-1 2nd Edition, FCC Part 15 Class B, CISPR 22 Class B, IEC60950-1