

## Power Supplies

### Description

Electroline offers power supplies to support its various products. They can be used to power CATV equipment that receives its input power from a coaxial connector port. Electroline SuperCAT, Ultima and CPM models are example of the equipment type that can be powered by these supplies.

### Applications

The PS-x series converts utility source voltage, at the wall outlet, to a lower voltage suitable for powering cable television equipment over coaxial cable. A standard ITU input line cord plugs into the wall outlet. The “F” connector provides both voltage and RF to service the Electroline products. RF fed from the cable network is input to one RF F connector and is internally combined with the low voltage power so both RF and power can be transmitted over the coaxial cable.

The EPS and EDXA-PA series are wall adapter power supplies and plug into utility wall outlets for DC loads of up to 890 mA. They can be used to supply DC voltage and current to CATV coaxial devices directly through a dedicated power port or combined with RF signal via a power inserter for transmission over coaxial cable to the device requiring power.





## Power Supply Models

Model	Description	Applications
 North American plug	<b>Model PS-1</b> Input: 120VAC, 60 Hz, 100VA. Output: 40 VAC, 2 Amp max. 8L x 3.5 W x 3.5D, 5.1 lbs	SuperCAT Looptap
 North American plug	<b>Model PS-2</b> Input: 120V AC, 60 Hz, 78 VA. Output: 28 VAC, 2.5 Amp max. 8L x 3.5 W x 3.5D, 5.1 lbs	Hospital applications SuperCAT Looptap
 European plug	<b>Model PS-3</b> Input: 230VAC, 50 Hz, 85VA. Output: 34 VAC, 2 Amp max. 8L x 3.5 W x 3.5D, 5.1 lbs	SuperCAT Looptap
 13 V North American plug	<b>Model EPS-120-13-350-AM</b> Input: 120VAC, 60 Hz. Output: 13 VDC, 350 mA	EDA active return FT8 active return
 15 V North American plug	<b>Model EPS-120-15-200-AM</b> Input: 120VAC, 60 Hz. Output: 15 VDC, 200 mA	EDA 2000 series EDA 100 series SuperCAT, DAT RCM (DC powered)
 15V European plug	<b>Model EPS-230-15-300-EU-PTC</b> Input: 230 VAC, 50 Hz. Output: 15 VDC, 300 mA	EDA 2000 series EDA 100 series SuperCAT
 15 V North American plug	<b>Model EPS-120-15-400-AM</b> Input: 120VAC, 60 Hz. Output: 15 VDC, 400 mA	Micro-node series (ED2, ED3 and ED4)
 15V European plug	<b>Model EPS-230-15-400-EU</b> Input: 230 VAC, 50 Hz. Output: 15 VDC, 400 mA	Micro-node series (ED2, ED3 and ED4)
 28V Universal kit	<b>Model EDXA-PA-5</b> Input: 100-240VAC, 47-63Hz. Output: 28 VDC, 890 mA	Mini-node series (ED1)
 Power Inserter EDA	<b>Model EDAICF-MINI</b> Voltage: 100 V QSW max., 100VDC max. Current: 500 mA max	EDA series Micro-node series(ED2, ED3, ED4) SuperCAT
 Power Inserter EDX	<b>Model EDXA-PI-0</b> Voltage: 50VDC max. Current: 1 A max	Mini-node series (ED1)

1. Specifications are subject to change without notice.

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