

XTPS-Series External DC-DC Power Supply Units



Product Description: The XTPS-Series of DC-DC Converters connect to a DC power source (such as -48V DC and 24V DC) and convert it for use with products such as the 14-Series Media Converters that normally use an external power supply connected into an AC power source. This alternative DC power source allows Ethernet networking products to be used in applications such as factory floors and telephone central offices that require DC power for high-availability. The DC input voltage is normally -48V DC nominal but models for 24V DC are also available. See "Ordering Information" below.

Installation Instructions: The XTPS units have a metal case with ventilation slots on the sides. One end has an input connector for "+" and "-" wiring of 14 gauge or smaller wire. To connect, insert the stripped wires from the DC power source into insulated metal-gripping female ports. (This connection can be detached using a small screwdriver to release the grip). The other end has attached a 6ft. cable with a DC plug at the end that mates with the DC power jack (center positive, 2.5mm diameter) on the Magnum networking product. There is a fuse inside of the unit for protection, and a solid-state electronic DC-DC converter component. Different DC converter components are used internally to provide several XTPS models with different input and output ratings.

Operating Environment:

Ambient Temperature: 32° to 160°F; (0° to 70°C);
Storage: -40°C to 85°C;
Ambient Humidity: 10%-95% (non-condensing)

Packaging:

Enclosure: High strength metal
Dimensions: [3.5 x 2.0 x 1.0] in. [8.9 x 5.1 x 2.5] cm.
Weight: 6 oz (175 g) including 6 ft. power cord

Agency Approvals

UL Listed (UL 1950), cUL, CE;
Emissions meet FCC Part 15, Class A

Warranty

Three years

Made in USA

Ordering Information

<u>Model Number</u>	<u>Range</u>	<u>DC Output</u>	<u>Watts</u>	<u>For use with the following Magnum products:</u>
XTPS12-48vdc	(36-70v)	12v, 1A	up to 12	14E, FT14, TB14, CS14, CSN14, S14
XTPS12-24vdc	(18-36v)	12v, 1A	up to 12	14E, FT14, TB14, CS14, CSN14, S14

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GarrettCom, Inc.

213 Hammond Ave. • Fremont, CA 94539 • PH: (510) 438-9071 • FAX: (510) 438-9072
Email: mktg@garrettcom.com • Web: www.GarrettCom.com