

12VDC to 48VDC Power Converter

FEATURES:

- Solar Panel Input Applications
- PoE Compatible 48Vdc Outputs
- Power Indicators
- Small Profile

SPECIFICATIONS:

Power Supply:

Input Voltage Range 12 Vdc to 24 Vdc
 Input Current 3.2 A
 Output Voltage 46 to 50 Vdc
 Output Current..... 700 mA max
 Output Power..... 0 to 30 Watts
 Connectors..... 2 pin Terminal Blocks

Temperature (Operating)

-40°C to +70°C, non-condensing

Size:

Module Receiver: 4¼" x 4¼" x 1⅛"

Ordering information:

PC-1248

Compatible AFI Products:

Series 46-PoE
 Series 48 PoE
 Series 49 PoE
 Series 50 PoE
 Series 6p-PoE

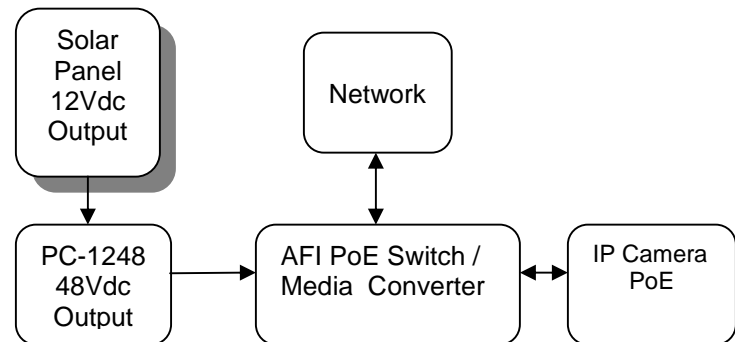


The American Fibertek PC-1248 is a 12Vdc to 48Vdc voltage converter. The PC-1248 was developed to support applications where the available DC power for the equipment is provided from 12Vdc output solar panels.

The PC-1248 accepts a 12Vdc to 24Vdc input and provides a nominal 48Vdc output. Output power of up to 30 watts is available over the extended temperature range of -40°C to +70°C.

Designed to be completely transparent, this system requires no field adjustments at installation or additional maintenance thereafter.

Compatible with AFI's 4 port and 6 port PoE switches / media converter products.



Typical
Application

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