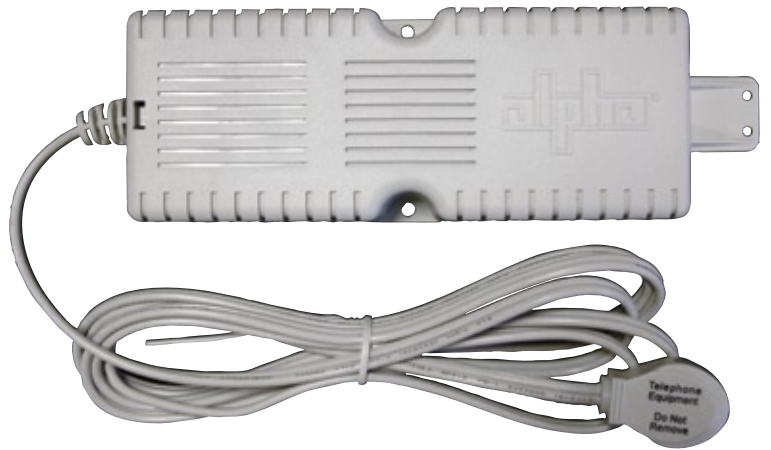


# Power

## FlexPoint™ Home Converter

12VDC FTTx ONT Power Supply



- Provides 24W of 12VDC primary power
- Upgradeable to battery backup as primary telephone services are subscribed
- Input voltage of 120VAC or 240VAC
- Other line cord configurations available
- High reliability

Alpha's FlexPoint Home Converter converts 120VAC to 12VDC supporting FTTx optical network terminals. The FlexPoint HC is a high reliability AC/DC converter that can be placed in the subscriber's home and plug into an AC outlet. The low profile AC plug stays in place when inadvertently bumped and does not block an adjacent outlet. The safe low 12VDC output can be routed through the wall to the ONT. The FlexPoint 7.2 or 17Ah, 30W battery backup power supply (BBPS) module can be added to the outside of the home when lifeline telephone services are subscribed. The FlexPoint is an ideal low cost high reliability building block.

## FlexPoint Home Converter

### Specifications (stand alone module)

#### Input

AC Input Voltage:	85 to 170VAC (240VAC options available)
AC Input Frequency:	50 or 60Hz
Max. Current Limit:	1.6A
Surge Resistance:	IEEE Std C62.41 1991 Level C
Max. Surge Current:	10A RMS
Connection:	8ft Line Cord, two conductors

#### Output

Operational Output Power:	24W continuous
Max. Output Power:	2.4A current limit
Output Voltage:	12VDC nominal (11.5 to 16VDC auto adjust when used with FlexPoint battery modules)
Connection:	3 position terminal block ± and control wire

#### Mechanical

Dimensions: (in):	3.0W x 2.0H x 8.5L
(cm):	7.6W x 5H x 21.5L
Weight (lb/kg):	1/.45
Mounting:	Wall mount

#### Environment

Operating:	-40 to 113°F (-40 to +45°C)
Humidity:	5 to 95%
Elevation Operation Max.:	10000ft (3000m)
Elevation Storage Max.:	50000ft (15000m)
Installation:	Indoors, semi-protected Non-water-dripping environment

#### Reliability

Telcordia Reliability Prediction:	>200000hrs
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#### Agency Compliance

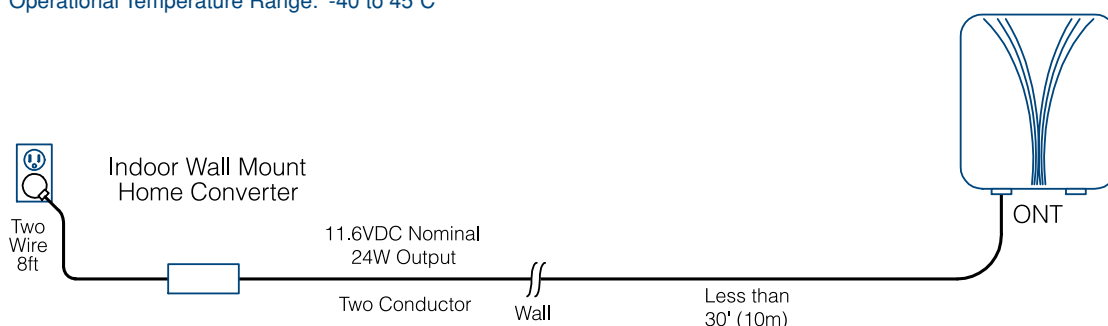
EMC:	FCC Part 15, Class B
Safety Mark:	UL Listed
Standard:	UL60950
CENELEC:	EN55022 Class B and EN50082 Class B



DC Output Connector

### Indoor Powering – Non-UPS

Operational Temperature Range: -40 to 45°C



For contact information visit [www.alpha.com](http://www.alpha.com)

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