

# XM-PoE-Kit

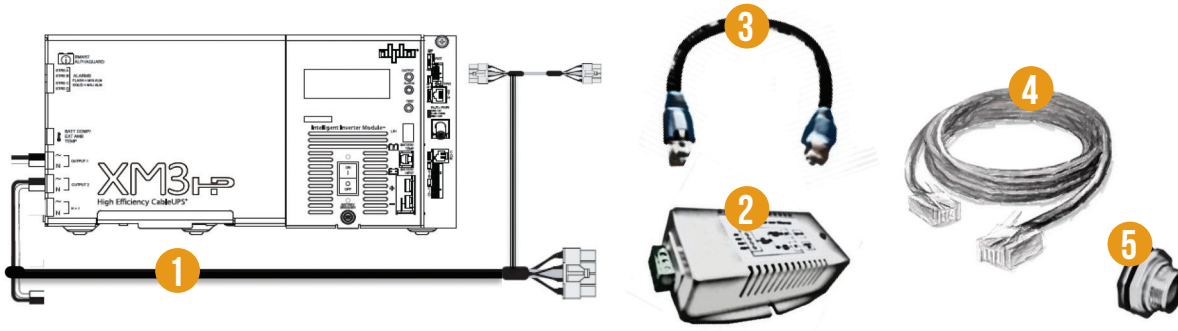
Enable any XM2 or XM3 Power Supply Location for Wi-Fi, Security or IoT Delivery



- IEEE 802.3at Power over Ethernet (PoE+) delivery at the power supply
- UPS power from power supply combined with DM3.0 DOCSIS 3.0 backhaul
- Aerial and ground mount applications

**Enable your XM2 or XM3 power supply cabinets for localized delivery of reliable power, high bandwidth backhaul and mounting for Wi-Fi Access Points, Security Cameras, or any other Power over Ethernet (PoE+) device.**

The XM-PoE Kit combines the UPS power from the XM2 or XM3 power supply with DOCSIS 3.0 backhaul through the DM3.0 transponder to provide IEEE 802.3at Power over Ethernet (PoE+) powered network connectivity up to 100m from the power supply location, providing maximum flexibility for equipment mounting and positioning.



## XM-PoE Components

- 1 Harness provides power to PoE injector from XM2 or XM3 output. PoE power can be cycled remotely using DM3.0's Web or SNMP interface.
- 2 PoE Injector provides power and data to 802.3at compatible equipment. Injector mounts against the XM2 or XM3 using the included mounting bracket.
- 3 Ethernet interface cable from DM3.0 to PoE injector.
- 4 External Ethernet cable connects the PoE injector to customer equipment (not included in POE Kit. Optional outdoor rated pre-defined cable lengths are available).
- 5 Weather tight grommet for external Ethernet cable to pass through the enclosure wall.

## PoE Injector Specifications

<b>Compliance:</b>	IEEE 802.3at (PoE+)
<b>AC Input:</b>	57-94VAC 47-63Hz (HFC Plant)
<b>DC Output Voltage:</b>	56V
<b>Output Current (power):</b>	0.625A (35W)
<b>Max Input Current:</b>	1.2A Fused
<b>Max Inrush Current (90VAC):</b>	50A
<b>Efficiency (min):</b>	>84%
<b>Line / Load Regulation:</b>	1% / 5%
<b>Ripple / Noise:</b>	1% / 2%
<b>Protections:</b>	Over-Voltage, Short Circuit
<b>Surge Protection:</b>	IEC 61000-4-2, +/- 4kV
<b>EMC Standards:</b>	FCC Class B, EN55022 Class B
<b>Safety Standards:</b>	UL/CSA 60950-1
<b>Environmental Standards:</b>	RoHS
<b>Operating Temperature:</b>	-40 to +60°C (-40 to +140°F)
<b>Operating Humidity (RH):</b>	5% - 95% non-condensing
<b>Storage Temperature:</b>	-40 to +70°C (-40 to +158°F)
<b>Dimensions H x W x D (in/mm):</b>	4.9 x 3 x 1.5 / 125 x 75 x 38
<b>Weight (oz/g):</b>	10.6 / 300

## Ordering Information—Power over Ethernet (PoE) Kits

Model	Product Description
<b>XM-PoE-Kit</b> (Alpha P/N: 010-368-19)	<b>POE Kit for XM3 or XM2 includes:</b> POE injector with mounting bracket, power / control harness, Ethernet to DM3.0 harness, bulkhead grommet for Ethernet cable internal to external enclosure pass-through
<b>XM-WiFi-Kit</b>	<b>XM-WiFi-Kit includes:</b> XM-PoE Kit, BKT-XM-WiFi, ETH-EXT-5
<b>XM3-DM3-PoE-Kit</b>	<b>XM3-DM3-PoE-Kit includes:</b> XM-PoE Kit, DM3 Configured for XM3
<b>XM3-DM3-WiFi-Kit</b>	<b>XM3-DM3-WiFi-Kit includes:</b> XM-WiFi-Kit, DM3 Configured for XM3
<b>XM2-DM3X-PoE-Kit</b>	<b>XM2-DM3-PoE-Kit includes:</b> XM-PoE Kit, DM3X Configured for XM2
<b>XM2-DM3X-WiFi-Kit</b>	<b>XM2-DM3-WiFi-Kit includes:</b> XM-WiFi-Kit, DM3X Configured for XM2

## Accessories

Model	Product Description
<b>BKT-XM-WiFi</b> (Alpha P/N: 746-623-20)	Enclosure Mounting Bracket for Wireless AP (AirTight 0-90, Ruckus T300, BelAir 20E0)
<b>ETH-EXT-5</b>	Outdoor Ethernet cable 5' length, RJ-45 terminated both ends
<b>ETH-EXT-15</b>	Outdoor Ethernet cable 15' length, RJ-45 terminated both ends
<b>ETH-EXT-50</b>	Outdoor Ethernet cable 50' length, RJ-45 terminated both ends



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