

# CableUPS® Quick Start Guide



## NOTE:

Before applying power, verify AC input utility. Verify a low-resistance ground is installed in accordance with the NEC (refer to XM2-300 HP Power Supply technical manual for details).

## Pre-Service Connection Procedure

1. Verify the battery switch is OFF.



## WARNING!

Verify battery voltage, cable color (Red +, Black -), connection and polarity are correct before proceeding.

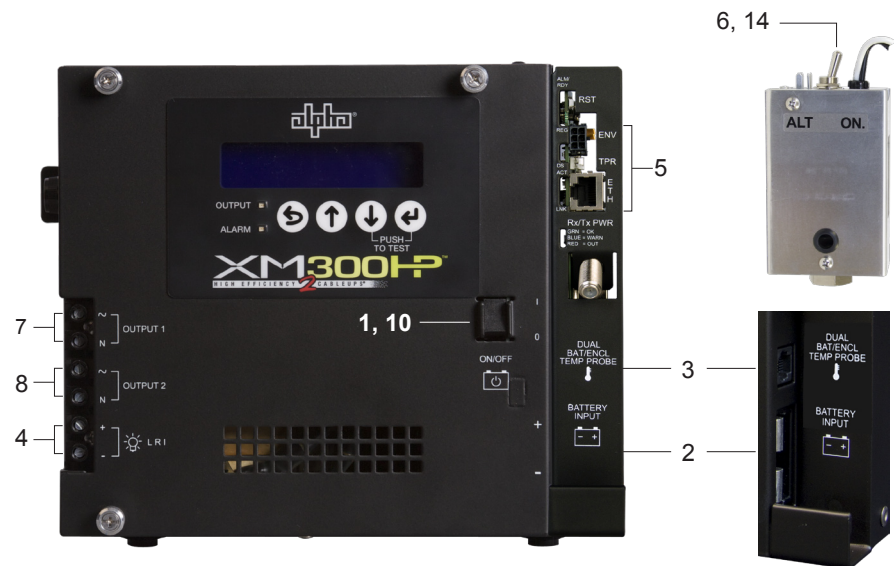
2. Connect battery cables to battery terminals (connect temperature probe ring lug to negative (-) battery terminal at this time) and tighten to manufacturer's recommended torque settings. Connect batteries to Battery Input connector.
3. Verify correct connection of temperature probe ring lug to Negative (-) battery terminal, then connect dual temperature probe cable.
4. Insert optional Local/Remote Indicator (LRI) cable. Tighten to 7.0 lbf-in / 0.8Nm.
5. Connect status monitoring connectors in connector labeled ETH, tamper switch connector (if installed) at TMPR, and optional battery heater mat at ENV.
6. Verify SPI switch is in "ALT" position.
7. Connect the SPI (network load) to the Output 1 connector; Black to ~, White to N. Tighten to 7.0 lbf-in / 0.8Nm.
8. Connect an auxiliary load (i.e. fan) to the Output 2 connector (optional); Black to ~, White to N. Tighten to 7.0 lbf-in / 0.8Nm.
9. Turn on AC breaker (located on enclosure) and verify correct (per unit's nameplate voltage) utility voltage at outlet; if correct, plug in XM2-300 HP line cord to the utility outlet.
10. Turn the Inverter Module's battery switch ON.
11. Verify no alarms are present (it may take up to 60 seconds for alarms to clear).
12. Perform self-test (NOTE: The firmware automatically performs a 10-second self-test 30 seconds after initialization). The self-test may also be manually initiated by simultaneously pressing the DOWN arrow key and ENTER key. Wait for self-test completion before proceeding. To manually exit self-test, simultaneously press DOWN arrow and ENTER key.

13. Perform this live inverter test procedure:

- a.) Turn AC input breaker OFF.
- b.) Verify XM2-300 HP transfers to "Inverter" mode.
- c.) Turn AC input breaker ON.
- d.) Verify XM2-300 HP transfers back to utility.

14. Verify Service Power Inserter (SPI) toggle switch in ON position (not ALT).

15. The unit is now in service. Download the Technical Manual at: [www.alpha.com](http://www.alpha.com).



## Product and Technical Support

General product information/customer service (7 AM to 5 PM, Pacific): **1-800-863-3930**

Technical support, (7 AM to 5 PM, Pacific or 24/7 emergency): **1-800-863-3364**

## Notice of FCC Compliance

### Per FCC 47 CFR 15.21:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### Per FCC 47 CFR 15.105:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

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

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