

## How to Upgrade FXM/Micro 350 Firmware Version 2.06.00 - Remotely

### Summary

This procedure outlines how to upgrade the software of an FXM/Micro 350 to V2.06.00 using the web interface.

Before performing any upgrade or battery replacement, fill in the *FXM Site Log* sheet.

Latest firmware can be download at, <https://www.alpha.ca/support/support-main-menu/software-firmware-downloads> under the UPS Outdoor Power tab.

### Tools/Reference Documents Required

- Computer with Windows 7 or later
- Ethernet cable

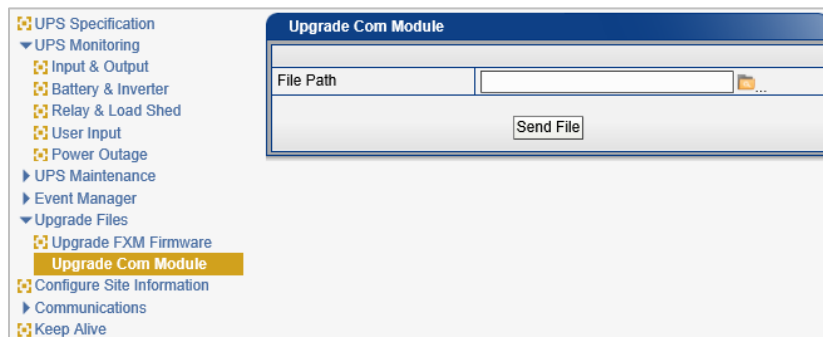
### Procedure

There are two stages to the upgrade procedure:

- update the Ethernet card firmware to V2.01.00
- update the FXM Firmware to V2.06.00

### Stage One - Update the Ethernet Card Firmware

1. Log on to the FXM webpage and enter the IP address of the unit. The factory default IP address is: 192.168.0.90.
2. Go to Upgrade Files > Upgrade Com Module.
3. Browse to the upgrade file: FXM/Micro 350 UPS: 035-092-01-REVK\_RMU\_V2.01.00.ELF.EZIP.

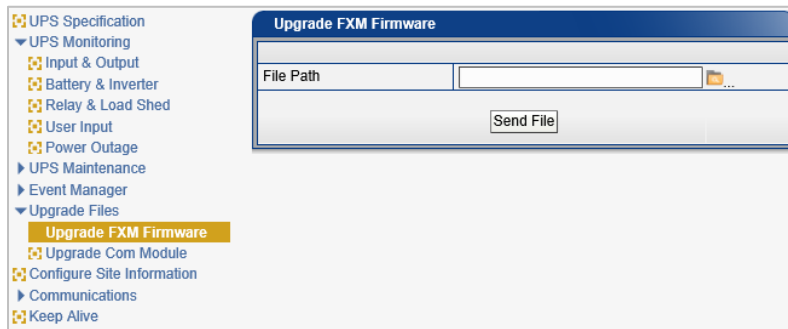


4. Click **Send File** and you will be prompted to log on. Enter password. The default password is 1111.
5. Once the software is uploaded and installed, the Ethernet card will then reset.

6. When complete, refresh the browser, select **UPS Specification** to verify Com Module SW version is 2.01.00.

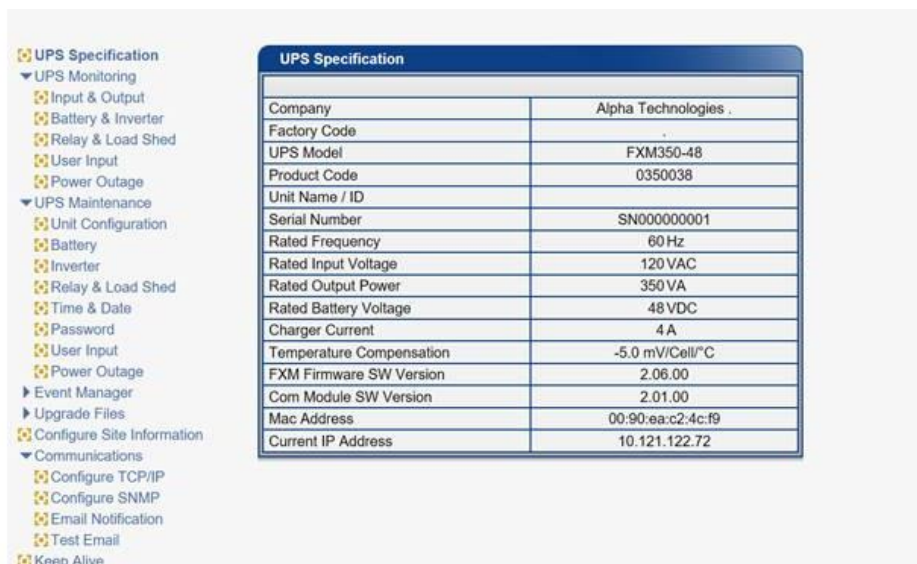
**Stage Two - Update the FXM/Micro 350 Firmware**

1. Go to the **Upgrade Files** menu and click **Upgrade FXM Firmware**.



2. Browse to the firmware file and click **Send File** (one of the following, depending on your unit).
  - FXM/Micro 350 UPS: 0350038-001\_F\_FXM350\_V2.06.00.FBIN
3. It will take few minutes for the system to perform the upgrade and it will refresh the web page. A message displays indicating the upgrade.

When complete, select **UPS Specification** and verify FXM Firmware SW Version is 2.06.00. **The following example is from an FXM350-48.**





### Test After Firmware/Software Upgrade:

**Note: Site visit will be required for power cycling. Please perform during next site PM visit. External Maintenance Bypass Switch (UATS) is required to support the load while this test is performed. Do not perform if External Maintenance Bypass Switch is not installed.**

1. Ensure the **UPS SUPPLY BREAKER** on UATS is turned on.
2. Change Red switch position to **BYPASS**.
3. Test the FXM by turning **OFF** FXM INPUT BREAKER and making sure it goes to **INVERTER** mode and that output voltage is present.
4. Turn **ON** FXM INPUT BREAKER and wait until it is in **LINE** mode.
5. Turn off the **INPUT CIRCUIT BREAKER** and **BATTERY BREAKER** on the FXM. **Wait** for one minute.
6. Bring the FXM online by turning **ON** FXM INPUT & BATTERY BREAKER.
7. Make sure the FXM qualifies utility and is in **LINE** mode.
8. Test the FXM by turning **OFF** FXM INPUT BREAKER and making sure it goes to **INVERTER** mode and that output voltage is present.
9. Turn **ON** FXM INPUT BREAKER and wait until it is in **LINE** mode.
10. Switch the Red switch on UATS back to **UPS**.

For assistance, contact Alpha Technical Support: Toll Free North America: 1-888-462-7487 International: +1-604-436-5547 or [Click here to report a problem.](#)