



How to Upgrade Micro 1000 Series Firmware Version 2.06.00 - Remotely

Summary

This procedure outlines how to upgrade the software of a Micro 1000 UPS from firmware V1.07.70 or 1.08 or higher, 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

Important: Micro 1000 Units Using 1.07 or Lower

- **Micro 1000** running software lower than V1.07 can only be upgraded to V2.06.00 via an RS232 interface using the FXM Programmer application. After upgrading the FXM software, upgrade the Ethernet card.

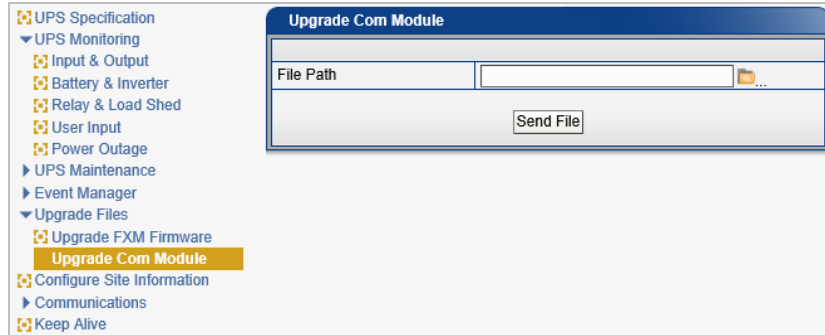
Procedure

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

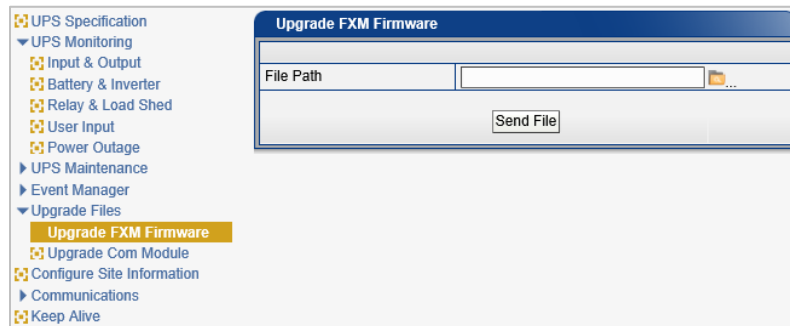
1. Log on to the Micro webpage and enter the IP address of the unit. The factory default IP address is: 192.168.0.90.
2. Go to Upgrade Files > Upgrade Com Module.
3. Browse to the upgrade file: 035-092-01-REVK_RMU_V2.01.00.ELF.EZIP.



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 Micro 1000 Firmware

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



2. Browse to the firmware file and click **Send File**.
 - Micro 1000 UPS: 035-090-01_J_MICRO1000_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 screenshot shows a navigation menu on the left with 'UPS Specification' selected. To the right, a table displays the following data:

UPS Specification	
Company	Alpha Technologies
Factory Code	
UPS Model	Micro1000
Product Code	03509001
Unit Name / ID	
Serial Number	SN000000001
Rated Frequency	60 Hz
Rated Input Voltage	120 VAC
Rated Output Power	1000 VA
Rated Battery Voltage	48 VDC
Charger Current	10 A
Temperature Compensation	-5.0 mV/Cell/°C
FXM Firmware SW Version	2.06.00
Com Module SW Version	2.01.00
Mac Address	00:90:ea:c2:65:b3
Current IP Address	192.168.0.90

Note: Units with a green display will show the FXM Firmware SW Version as 2.06.00R.

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.](#)