



PCN # 0470415-PCN

FXM 350, 650, 1100, 2000, Micro 100, 350 & 1000 Firmware Version 2.06.00

<b>1. Supplier Information</b> Alpha Technologies, Ltd. 7700 Riverfront Gate Burnaby, BC V5J 5M4 Canada	<b>1.6 Supplier Contact Info</b> Contact: Daljit Hothi Product Manager 604 422 4490 daljit.hothi@alpha.ca																																												
<b>2. Product Change Notification Number</b> PCN # 0470415-PCN	<b>3. Issue Date of Change</b> 7/24/2019																																												
<b>4. System Affected</b> Major System Affected: FXM 350, 650, 1100, 2000, Micro 100, 350, and 1000 Subsystem Affected: N/A Hardware Affected: N Firmware Affected: Y Software Affected: N																																													
<b>5. New Product ID</b> <table border="1" data-bbox="191 1071 771 1533"> <thead> <tr> <th colspan="2">Software / Firmware</th> </tr> <tr> <th>Model</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td>FXM 350-24 120</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>FXM 350-24 230 FXM 350-48 120</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>FXM 650-24/48</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>FXM 1100</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>FXM 2000</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>Micro 100</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>Micro 350-24 120</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>Micro 350-24 230 Micro 350-48 120</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>Micro 1000</td> <td>V2.06.00(fbin)</td> </tr> </tbody> </table>	Software / Firmware		Model	Revision	FXM 350-24 120	V2.06.00(fbin)	FXM 350-24 230 FXM 350-48 120	V2.06.00(fbin)	FXM 650-24/48	V2.06.00(fbin)	FXM 1100	V2.06.00(fbin)	FXM 2000	V2.06.00(fbin)	Micro 100	V2.06.00(fbin)	Micro 350-24 120	V2.06.00(fbin)	Micro 350-24 230 Micro 350-48 120	V2.06.00(fbin)	Micro 1000	V2.06.00(fbin)	<b>6. Old Product ID</b> <table border="1" data-bbox="803 1071 1421 1533"> <thead> <tr> <th colspan="2">Software / Firmware</th> </tr> <tr> <th>Model</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td>FXM 350-24 120</td> <td>V1.08.03(fbin)</td> </tr> <tr> <td>FXM 350-24 230 FXM 350-48 120</td> <td>V2.00.04(fbin)</td> </tr> <tr> <td>FXM 650-24/48</td> <td>V2.01.00(fbin)</td> </tr> <tr> <td>FXM 1100</td> <td>V2.01.00(fbin)</td> </tr> <tr> <td>FXM 2000</td> <td>V2.01.00(fbin)</td> </tr> <tr> <td>Micro 100</td> <td>V2.00.04(fbin)</td> </tr> <tr> <td>Micro 350-24 120</td> <td>V1.08.03(fbin)</td> </tr> <tr> <td>Micro 350-24 230 Micro 350-48 120</td> <td>V2.00.04(fbin)</td> </tr> <tr> <td>Micro 1000</td> <td>V2.02.00(fbin)</td> </tr> </tbody> </table>	Software / Firmware		Model	Revision	FXM 350-24 120	V1.08.03(fbin)	FXM 350-24 230 FXM 350-48 120	V2.00.04(fbin)	FXM 650-24/48	V2.01.00(fbin)	FXM 1100	V2.01.00(fbin)	FXM 2000	V2.01.00(fbin)	Micro 100	V2.00.04(fbin)	Micro 350-24 120	V1.08.03(fbin)	Micro 350-24 230 Micro 350-48 120	V2.00.04(fbin)	Micro 1000	V2.02.00(fbin)
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<b>7. New CLEI Code</b> N/A	<b>8. Old CLEI Code</b> N/A																																												
<b>9. Associated Products or Changes Affected</b> FXM 350-24 Model: 017-241-29/26 FXM 350-48 Model: 017-241-22 FXM 650-24 Model: 017-234-31/52, 017-235-22/32 FXM 650-48 Model: 017-236-45 FXM 1100 Model: 017-230-23/37/65, 017-231-22/24																																													



FXM 2000 Model: 017-232-31, 017-233-30/32/53/54/55 Ethernet Card: 740-730-24 Micro 100 Model: 017-220-XX Micro 350 Model: 017-243-XX Micro 1000 Model: 017-239-41 to 017-239-57, 017-240-XX	
<b>10. Drawing Number</b> N/A	
<b>11. Classification of Change</b> Class B	<b>12. Reason for Classification</b> Product change which was made to improve the design that results in better operation, improved testing/maintenance, longer life, operational cost reduction and/or addition of new features.
<b>13. Reason for Change</b> Update to improve air circulation, user input validation & overload protection.	
<b>14.1 Description of Change</b> <ul style="list-style-type: none"> <li>Improved user input validation on UPS Specification and Unit Configuration on serial communication.</li> <li>Improved overload protection on Micro 100 &amp; FXM/Micro 350 &amp; FXM 650-48.</li> <li>Improved fan control for better thermal management on FXM/Micro 350 &amp; Micro 1000 similar to FXM 650,1100 &amp; 2000.</li> </ul>	
<b>14.2 Change Verification Procedures</b> Via LCD, HyperTerminal or webpage check Firmware version to be 2.06.00 after upgrade.	
<b>15. Safety Notification</b> N/A	
<b>16. Material Affected</b> N/A	
<b>17. Documentation Affected</b> N/A	
<b>18. Supplier Implementation Date</b> This is a phase in change and V2.06.00 will be implemented into product from the factory by Q4, 2019. Software are available at <a href="http://www.alpha.ca/software-firmwaredownloads">http://www.alpha.ca/software-firmwaredownloads</a>	<b>19. Modification Completion Date</b> Q1, 2020



<b>20. Modification Location</b> N/A
<b>21. Modification Cost</b> N/A
<b>22. Location and Quantity of Equipment</b> N/A
<b>23. Attachments</b> N/A
<b>24. Comments</b> See release notes for upgrade procedure.