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# Product Change Notification

## PCN # 0470499-PCN

## FXM HP 650-24, 650-48, 1100, and 2000 Firmware Version 1.10

<b>1. Supplier Information</b> Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada	<b>1.2 Supplier Contact Info</b> Contact: Daljit Hothi Product Manager 604 422 4490 <a href="mailto:Daljit.Hothi@Energys.com">Daljit.Hothi@Energys.com</a>												
<b>2. Product Change Notification Number</b> PCN # 0470499-PCN	<b>3. Issue Date of Change</b> May 13, 2022												
<b>4. System Affected</b> Major System Affected: FXM HP 650-24/650-48/1100/2000 Subsystem Affected: N/A Hardware Affected: No Firmware Affected: Yes Software Affected: No													
<b>5. New Product ID</b> <table border="1" data-bbox="167 1375 776 1541"> <thead> <tr> <th colspan="2">Software / Firmware</th> </tr> <tr> <th>Model</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td>0350120-001</td> <td>1.00</td> </tr> </tbody> </table>	Software / Firmware		Model	Revision	0350120-001	1.00	<b>6. Old Product ID</b> <table border="1" data-bbox="846 1375 1455 1541"> <thead> <tr> <th colspan="2">Software / Firmware</th> </tr> <tr> <th>Model</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td>0350120-001</td> <td>1.10</td> </tr> </tbody> </table>	Software / Firmware		Model	Revision	0350120-001	1.10
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<b>7. New CLEI Code</b> N/A	<b>8. Old CLEI Code</b> N/A												



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<b>9. Associated Products or Changes Affected</b> 0350120-001 Firmware File in the FXM HP 650-24/650-48/1100/2000 UPS FXM 650-24 PN: 0170023-002, 0170023-201 FXM 650-48 PN: 0170023-101 FXM 1100 PN: 0170024-001, 0170024-002, 0170024-101 FXM 2000 PN: 0170022-001, 0170022-002, 0170022-101, 0170022-201	
<b>10. Drawing Number</b> 0350120-001_B_FXM-HP_README_V1.10	
<b>11. Classification of Change</b> B	<b>12. Reason for Classification</b> Product change which was made to incorporate improvements in the design that result in better operation, improved testing/maintenance, longer life, operational cost reduction, and addition of new features.
<b>13. Reason for Change</b> Update to add shutdown command in standby mode and using AC and DC breaker auxiliary contacts for signaling purposes only.	
<b>14.1 Description of Change</b> <ul style="list-style-type: none"><li>Implemented Standby mode shutdown command in a low battery situation to conserve battery capacity and avoid deep discharge.</li><li>AC input and battery breaker auxiliary contacts are used for signaling purposes only and not to qualify the presence of utility or DC input.</li></ul>	
<b>14.2 Change Verification Procedures</b> Sign in to the Cordex® CXC HP System Controller and go to the <b>Modules</b> page to confirm that the firmware on the FXM HP module is version 1.10 or later.	
<b>15. Safety Notification</b> N/A	



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<b>16. Material Affected</b> N/A	
<b>17. Documentation Affected</b> 0350120-001_B_FXM-HP_README_V1.10	
<b>18. Supplier Implementation Date</b> June 20, 2022	<b>19. Modification Completion Date</b> Customer to update firmware as maintenance window permits.
<b>20. Modification Location</b> EnerSys factory implementation and in field for devices already installed in the field.	
<b>21. Modification Cost</b> N/A	
<b>22. Location and Quantity of Equipment</b> N/A	
<b>23. Attachments</b> 0350120-001_B_FXM-HP_README_V1.10	
<b>24. Comments</b> The firmware file can be found at <a href="https://www.alpha.ca/support/support-main-menu/software-firmware-downloads">https://www.alpha.ca/support/support-main-menu/software-firmware-downloads</a> for download.	

End of Product Change Notification