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PCN # [0470456-PCN] CXRF 3.0kW Rectifier Firmware v2.00

1. Supplier Information Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada	1.6 Supplier Contact Info Contact: JD Fraser Associate Product Manager 604-218-9059 Jd.fraser@alpha.ca												
2. Product Change Notification Number PCN # 0470456-PCN	3. Issue Date of Change 5/22/2020												
4. System Affected Major System Affected: CXRF3k Subsystem Affected: Pwr Mdl,CXRF-HP 48-3kW,RoHS6 Hardware Affected: N Firmware Affected: Y Software Affected: N													
5. New Product ID <table border="1" data-bbox="185 1188 764 1304"> <thead> <tr><th colspan="2">Software / Firmware</th></tr> <tr><th>Model</th><th>Revision</th></tr> </thead> <tbody> <tr><td>0350048-001</td><td>2.00</td></tr> </tbody> </table>	Software / Firmware		Model	Revision	0350048-001	2.00	6. Old Product ID <table border="1" data-bbox="808 1188 1390 1304"> <thead> <tr><th colspan="2">Software / Firmware</th></tr> <tr><th>Model</th><th>Revision</th></tr> </thead> <tbody> <tr><td>0350048-001</td><td>1.07</td></tr> </tbody> </table>	Software / Firmware		Model	Revision	0350048-001	1.07
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7. New CLEI Code N/A	8. Old CLEI Code PWM6X00CRA												
9. Associated Products or Changes Affected CXRF 3.0kW Rectifier 0100037-001													
10. Drawing Number 0350048-001_H_CXRF-HP 48-3.0KW_README_V2.00													
11. Classification of Change B	12. Reason for Classification This change results in better operation												



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13. Reason for Change Functional improvements due to continuous testing	
14.1 Description of Change - Improved handling of zero-point crossing AC supply issues	
14.2 Change Verification Procedures Physical Verification – The CXRF 3.0kW Rectifiers modified in the factory shall have their label updated to show Firmware Version 2.00, see attached examples Software Verification – Use MOP 0470350-00 Rev A to confirm firmware version of installed CXRF 3.0kW Rectifiers. See attached MOP.	
15. Safety Notification N/A	
16. Material Affected N/A	
17. Documentation Affected 0350048-001_H_CXRF-HP 48-3.0KW_README_V2.00	
18. Supplier Implementation Date 5/13/2020	19. Modification Completion Date 5/27/2020
20. Modification Location Burnaby BC Spokane Washington	
21. Modification Cost N/A	
22. Location and Quantity of Equipment N/A	
23. Attachments Readme File – 0350048-001_H_CXRF-HP 48-3.0KW_README_V2.00 Physical Example File - CXRF 3.0kW Firmware V2.00 Physical Example.png Physical Example File - CXRF 3.0kW Firmware V2.00 Physical Example #2.png	



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Software Verification File - [MOP - Module Firmware Upgrade Using the CXC HP \(Software V4.xx\) 0470350-00.pdf](#)

24. Comments

The firmware file can be found at <https://www.alpha.ca/support/support-main-menu/software-firmware-downloads> for direct download.