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Product Change Notification

PCN # 0470483-PCN

CXRC 220-1.1kW Firmware Version 1.05

1. Supplier Information Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada	1.2 Supplier Contact Information Contact: Daljit Hothi Product Manager (604) 422 4490 daljit.hothi@enersys.com												
2. Product Change Notification Number PCN # 0470483-PCN	3. Issue Date of Change June 24, 2021												
4. System Affected Major System Affected: Cordex 220V-1.1kW Rectifier Subsystem Affected: N/A Hardware Affected: No Firmware Affected: Yes Software Affected: No													
5. New Product ID <table border="1"><thead><tr><th colspan="2">Software / Firmware</th></tr><tr><th>Model</th><th>Revision</th></tr></thead><tbody><tr><td>034-080-20-000</td><td>1.05</td></tr></tbody></table>	Software / Firmware		Model	Revision	034-080-20-000	1.05	6. Old Product ID <table border="1"><thead><tr><th colspan="2">Software / Firmware</th></tr><tr><th>Model</th><th>Revision</th></tr></thead><tbody><tr><td>034-080-20-000</td><td>1.04</td></tr></tbody></table>	Software / Firmware		Model	Revision	034-080-20-000	1.04
Software / Firmware													
Model	Revision												
034-080-20-000	1.05												
Software / Firmware													
Model	Revision												
034-080-20-000	1.04												
7. New CLEI Code N/A	8. Old CLEI Code N/A												
9. Associated Products or Changes Affected Cordex 220V-1.1kW Rectifier PN: 010-569-20-041													



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10. Drawing Number 034-080-20-000_D_CXRC_220-1.1KW_README_V1.05.PDF	
11. Classification of Change B	12. Reason for Classification This change results in better operation.
13. Reason for Change Functional improvements due to continuous testing and feedback.	
14.1 Description of Change Improved UPF alarm handling, module locking under persistent UPF failure conditions, and improved short circuit current limit.	
14.2 Change Verification Procedures Confirm the Cordex 220V-1.1kW Rectifier is hardware revision Q or later. Log into the Cordex Controller (software version 5.10 or later) and go to the Modules page to confirm the firmware on the Cordex 220V-1.1kW Rectifier is firmware version 1.05.	
15. Safety Notification N/A	
16. Material Affected N/A	
17. Documentation Affected 034-080-20-000_D_CXRC_220-1.1KW_README_V1.05.PDF	
18. Supplier Implementation Date This is a phase in change and new firmware will be implemented into products shipping from the factory in Q4, 2021.	19. Modification Completion Date Q2, 2022
20. Modification Location Factory and in the field.	
21. Modification Cost N/A	



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22. Location and Quantity of Equipment

N/A

23. Attachments

Readme File: [034-080-20-000_D_CXRC_220-1.1KW_README_V1.05.PDF](#)

MOP: [MOP-Cordex-HP_Firmware_Upgrade_Process_0470484.PDF](#)

24. Comments

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

End of Product Change Notification