



an EnerSys® company

Product Change Notification

PCN # 0470485-PCN

CXRF 220-4.4kW Firmware Version 1.14

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 # 0470485-PCN	3. Issue Date of Change June 24, 2021												
4. System Affected Major System Affected: Cordex 220V-4.4kW 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>034-129-20-000</td><td>1.14</td></tr></tbody></table>	Software / Firmware		Model	Revision	034-129-20-000	1.14	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>034-129-20-000</td><td>1.13</td></tr></tbody></table>	Software / Firmware		Model	Revision	034-129-20-000	1.13
Software / Firmware													
Model	Revision												
034-129-20-000	1.14												
Software / Firmware													
Model	Revision												
034-129-20-000	1.13												
7. New CLEI Code N/A	8. Old CLEI Code N/A												
9. Associated Products or Changes Affected Cordex 220V-4.4kW Rectifier PN: 010-588-20-040													



an EnerSys® company

Product Change Notification

10. Drawing Number 034-129-20-000_B_CXRF_220-4.4KW_README_V1.14.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 load sharing.	
14.2 Change Verification Procedures Confirm the Cordex 220V-4.4kW Rectifier is hardware revision W or later. Log into the Cordex Controller (software revision 5.10 or later) and go to the Modules page to confirm the firmware on the Cordex 220V-4.4kW Rectifier is on firmware version 1.14.	
15. Safety Notification N/A	
16. Material Affected N/A	
17. Documentation Affected 034-129-20-000_B_CXRF_220-4.4KW_README_V1.14.PDF	
18. Supplier Implementation Date This is a phase in change and new firmware will be implemented into product shipping from the factory in Q3, 2021.	19. Modification Completion Date Q4, 2021
20. Modification Location Factory and in the field	
21. Modification Cost N/A	



an EnerSys® company

Product Change Notification

22. Location and Quantity of Equipment

N/A

23. Attachments

Readme File: [034-129-20-000_B_CXRF_220-4.4KW_README_V1.14.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