



## Alpha Technologies Product Change Notification

### PCN # [1170622]

### 1.2kW Rectifier Shelf Mechanical Changes

<b>1. Supplier Information</b> Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada Contact: Rahul Baliga Product Manager +1-778-855-1419 Rahul.Baliga@alpha.ca		<b>2. Product Change Notification Number</b> PCN # 1170622									
<b>3. Issue Date of Change</b> 06/19/2017		<b>4. System and Product Description</b> There is one rectifier shelf as part of this PCN. The bulk 1RU 1.2kW shelf which can handle up to 5x 1.2kW rectifier modules.									
<b>5. New Product ID</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 25%;">Part Number (P/N)</th> <th style="width: 75%;">Description</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">030-845-20-XXX</td> <td style="text-align: center;">Cordex 19"/23" Shelf, 1RU 5x CXRF 48-1.2kW Positions</td> </tr> </tbody> </table>		Part Number (P/N)	Description	030-845-20-XXX	Cordex 19"/23" Shelf, 1RU 5x CXRF 48-1.2kW Positions	<b>6. Old Product ID</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 25%;">Part Number (P/N)</th> <th style="width: 75%;">Description</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">030-845-20-XXX</td> <td style="text-align: center;">Cordex 19"/23" Shelf, 1RU 5x CXRF 48-1.2kW Positions</td> </tr> </tbody> </table>		Part Number (P/N)	Description	030-845-20-XXX	Cordex 19"/23" Shelf, 1RU 5x CXRF 48-1.2kW Positions
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<b>7. Associated Products or Changes Affected</b> None											
<b>8. Drawing No.</b> N/A		<b>9. Product Change Classification</b> Class B									
<b>10. Reason(s) for Change</b> In order to improve the manufacturing capabilities of the shelves, mechanical design changes were implemented which are detailed below.											
<b>11. Description of Change</b> <ol style="list-style-type: none"> <li>1. The original shelf was welded and then zinc plated. The new shelf is made from pre-plated material.</li> <li>2. The original shelf was a welded assembly and the new design utilizes a formed locking tab technology common in current generation Alpha products.</li> <li>3. The top and bottom of the shelf is no longer perforated and has a solid metallic cover.</li> <li>4. The screws that connect the metallic rear cover of the shelf have been changed from an 8mm screw to a 6mm screw.</li> </ol>											



5. The CAN connectors on either side of the shelf were moved to the rear of the shelf, closer to the AC connections.	
6. Only the finish of the product is affected, not the form, fit or function.	
<b>12. Effect of Change</b> The change will have no effect on system operation or usability.	
<b>13. Material/Product Affected</b> Part numbers of products affected by this change are mentioned in section (6).	
<b>14. Documentation Affected</b> N/A	
<b>15. Supplier Implementation Date</b> 07/01/2017	<b>16. Modification Completion Date</b> N/A
<b>17. Modification Location</b> The product will be manufactured at Alpha's contract manufacturer in China.	
<b>18. Modification Cost</b> None	
<b>19. Location and Quantity of Equipment</b> None	
<b>20. Attachments</b> None	
<b>21. Comments</b> None	

**For assistance, contact Alpha Technical Support:**

Toll Free North America: 1-888-462-7487

International: +1-604-436-5547

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