

PRODUCT CHANGE NOTIFICATION
PCN # [1170605]
CXPS-E3 Design Update

1. Supplier Information Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada Contact: Rahul Baliga Product Manager +1-778-855-1419 rahul.baliga@alpha.ca		2. Product Change Notification Number PCN # 1170605									
3. Issue Date of Change July 1, 2017	4. System and Product Description This change notification affects both the 19" and 23" versions of the CXPS-E3, 400A power system which has incorporated the 2.4kW rectifier shelves along with the HP controller and LADIO.										
5. New Product ID <table border="1"> <thead> <tr> <th>Part Number (P/N)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0919xxx-xxx</td> <td>CXPS-E3 (Ver 2)</td> </tr> </tbody> </table>		Part Number (P/N)	Description	0919xxx-xxx	CXPS-E3 (Ver 2)	6. Old Product ID <table border="1"> <thead> <tr> <th>Part Number (P/N)</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0916xxx-xxx</td> <td>CXPS-E3 (Ver 1)</td> </tr> </tbody> </table>		Part Number (P/N)	Description	0916xxx-xxx	CXPS-E3 (Ver 1)
Part Number (P/N)	Description										
0919xxx-xxx	CXPS-E3 (Ver 2)										
Part Number (P/N)	Description										
0916xxx-xxx	CXPS-E3 (Ver 1)										
7. Associated Products or Changes Affected None											
8. Drawing No. N/A	9. Product Change Classification Class B										
10. Reason(s) for Change <ul style="list-style-type: none"> • The fit and function of the new E3 remains the same. More importantly all the spares (controllers, ADIO, rectifier shelves, rectifiers, breakers etc) remain the same. • With regards to noticeable changes to the form of the product, few modifications have been made for the following reasons: <ul style="list-style-type: none"> ○ The existing E3 had an extremely low manufacturing yield rate. Primarily due to the design and placement of PC boards. ○ To increase its reliability, the large side LED lenses have been removed. The large touchscreen HP controller should provide sufficient alarming information. ○ Few internal busbars have been modified. This change is invisible externally. 											

<ul style="list-style-type: none"> ○ The front door has ventilation slots, allowing for better thermal performance of the unit under high temperatures. This makes applications in outdoor cabinets more viable. ○ Rear cover has been changed to a stiffer polycarbonate design to provide a stronger surface for cables to flow over. ○ Top cover has been redesigned to add more flexibility. 	
11. Description of Change PCBAs, internal busbars have been modified	
12. Effect of Change Change will have no effect on system operation or usability.	
13. Material/Product Affected Part numbers of products affected by this change are mentioned in section (5) & (6).	
14. Documentation Affected N/A	
15. Supplier Implementation Date July 1, 2017	16. Modification Completion Date N/A
17. Modification Location N/A	
18. Modification Cost None	
19. Location and Quantity of Equipment None	
20. Attachments None	
21. Comments None	