

**Product Bulletin:**

Availability of new three-phase cabinets and PDUs (X8739, X8740, X8741, X8718, X8719, X8720)

Revision History

27 February 2009 - Initial version

12 March 2009 – Update Section 3: Sales Tools with new links

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This product bulletin informs NetApp sales and NetApp partners about new or changed NetApp® products or services.

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1. Summary

NetApp announced our first three-phase power offerings. We have the 30amp NEMA 4 pin (L15-30P plug), 30amp NEMA 5 pin (L21-30P), and 32amp IEC (60309 plug). Because three-phase allows more power than single-phase, you only need two PDUs per cabinet. This is ideal for data centers that only have two power outlets (wips) per tile.

You should encourage customers to move to three-phase as soon as possible. The old 2PDU 30amp single-phase cabinets will be listed for End of Availability (EOA) before the end of the year. Customers who are using 20amp 4PDU cabinets should be moved to either 30amp 4PDU cabinets or three-phase cabinets. New products coming out this year will require more power and the 20amp 4PDU cabinet will not have sufficient power to allow a fully loaded cabinet.

To encourage the move away from 20A cabinets, we have changed the Quote Tool behavior. We will no longer default to 20A cabinets. You will need to select a cabinet or none on the power tab.

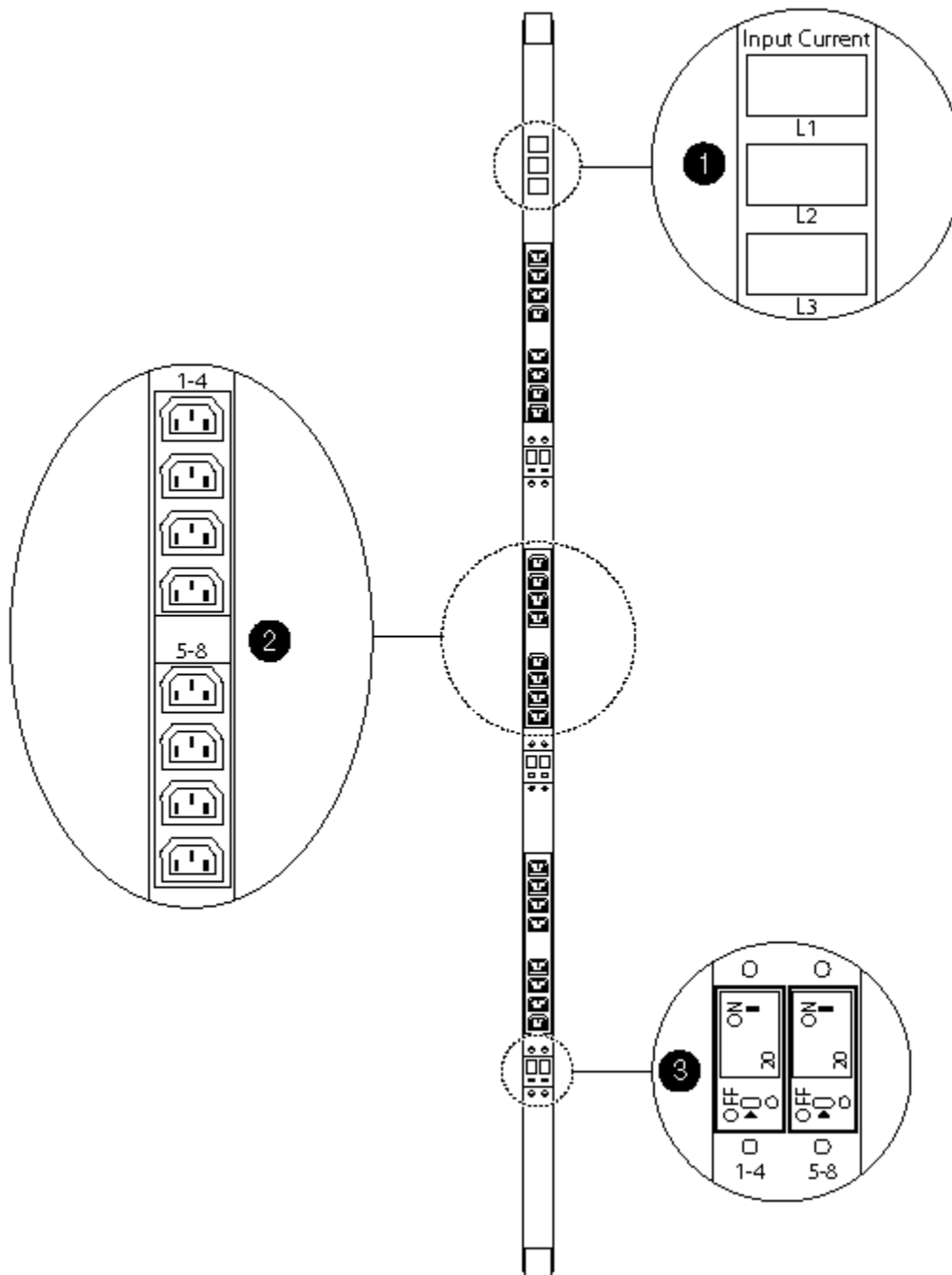
2. What's New?

All of the three-phase PDUs have digital meters that read out current on each phase. It is a best practice to balance the load among the phases but it isn't critical if the data center wants to balance the load on a row-by-row basis. All of the three-phase PDUs have 24 C13 outlets arranged in 6 banks of 4 outlets. Each outlet has a maximum rating of 10A and each group of four is protected by a circuit breaker and has a maximum rating of 16 amps.

The NEMA configuration is wired as a delta and intended for North America. It will deliver a maximum of 45.78 amps.

The IEC configuration is wired as a wye and is intended for Europe and other international locations. It will deliver a maximum of 96 amps.

There are no restrictions on cabinet loading for three-phase cabinets. The worst case loading of any equipment we have today is slightly over 30 amps; the three-phase cabinets have plenty of headroom for future products.



3. Sales Tools (Sales Guides, Training Presentations, SE Presentations)

The PDU Flyer and 42U System Cabinet Guide can be found on the NOW™ (NetApp on the Web) site under cabinets:

[System cabinets](#)

4. Customer-Ready Tools (Customer Presentations, Datasheets)

None

5. System Requirements

All NetApp platforms and shelves are mountable in the system cabinet without restriction. Most switches are mountable except for Cisco director class.

6. Product Information

Part Number	Description	Discount Category Code
X8739A-R6	Cab,2PDU(30A,3-PH,4pin,NEMA,24outlet),R6	B
X8739A-R6-C	Cab,2PDU(30A,3-PH,4pin,NEMA,24outlet),-C,R6	B
X8740A-R6	Cab,2PDU(30A,3-PH,5pin,NEMA,24outlet),R6	B
X8740A-R6-C	Cab,2PDU(30A,3-PH,5pin,NEMA,24outlet),-C,R6	B
X8741A-R6	Cab,2PDU(32A,3-PH,IEC,24outlet),R6	B
X8741A-R6-C	Cab,2PDU(32A,3-PH,IEC,24outlet),-C,R6	B
X8718A-R6	PDU,3-phase,24-Outlet,32A,IEC,R6	B
X8719A-R6	PDU,3-phase,24-Outlet,30A,NEMA,4-Pin,R6	B
X8720A-R6	PDU,3-phase,24-Outlet,30A,NEMA,5-Pin,R6	B

Product Availability

All parts will be orderable in the March 8 Quote Tool. FCS is planned for March 28th.

7. Regulatory Compliance

Products need to be validated against the NetApp Safety/EMI Regulatory Compliance List prior to order submission. This is required to ensure that products are being sold only in the countries in which NetApp has received regulatory compliance certification.

8. Warranty and Service

Standard hardware warranty and services apply.

9. Additional Information

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