

Whether used alone, with Power IQ™ or integrated with other Raritan solutions, the intelligent PX PDU offers secure access with 256-bit AES encryption and strong passwords. PX supports advanced authorization options, including outlet-level permissions and LDAP/S, RADIUS, and Active Directory®. Flexible management interfaces support HTTP, HTTPS, IPMI, SMASH-CLP, SSH, TELNET and SNMP v2 and v3 with encryption, as well as user-configurable, outlet-level delays for power sequencing.

PX intelligent PDUs can be managed by Power IQ and integrated with the following Raritan solutions:

- ▶ KVM switches: Dominion KX II and Paragon® II
- ▶ Secure console servers: Dominion SX
- ▶ Centralized IT infrastructure management: CommandCenter® Secure Gateway



UL 489 hydraulic-magnetic circuit breaker on 30 Amp PDU.



Rear of 2U PDU showing current draw for outlet #7. Red LEDs show outlets that are switched on. Green LEDs show outlets that are switched off.

PDU Status

The screenshot shows the Raritan PX Web-based GUI. The top navigation bar includes tabs for Home, Details, Alerts, User Management, Device Settings, Maintenance, and Outlet Groups. The main content area is titled 'Home > PDU Status' and is divided into several sections:

- Time & Session:** 2008-10-21 17:34. User: admin. State: 370 sec idle. Your IP: 172.16.0.0. Last Login: 2008-10-21 16:44.
- Device Information:** Name: Raritan-3Phase. Model: PX (PX-5532). IP Address: 10.0.0.0. Firmware: 01.02.05.
- Connected Users:** admin (192.168.58.47) 6 min idle.
- Help - User Guide**
- Wiring Diagram**
- Line Loads:** Line 1: 8.04 Amps, Line 2: 7.85 Amps, Line 3: 7.10 Amps.
- Circuit Breakers:** Circuit Breaker 1, Circuit Breaker 2, Circuit Breaker 3. Status: Closed, Closed, Closed. Current Drawn: 4.99 Amps, 3.98 Amps, 4.30 Amps.
- Outlets:** A table listing outlets with columns for Name, State, Control, RMS Current, and Action Power.

Name	State	Control	RMS Current	Action Power
RACK1_File_Brokerage Div	on	On Off Cycle	0.09 Amps	6.82 Watts
RACK1_File_Brokerage Div	on	On Off Cycle	0.30 Amps	29.54 Watts
RACK1_File_Trading Div	on	On Off Cycle	0.22 Amps	20.70 Watts
RACK1_File_Trading Div	on	On Off Cycle	0.22 Amps	20.70 Watts

Line, circuit and outlet status and temperature and humidity readings on the home page of the Web-based GUI. The tabs across the top provide access to greater details, user configurable thresholds and many other energy management tools.

To see more screen shots from the PX go to www.raritan.com/px-screenshots

New certification requirements issued in April 2003 by Underwriters Laboratories included UL 489 circuit breakers for PDU configurations greater than 20 amps. The best high-power PDUs for data center use are those, like the PX, with hydraulic-magnetic circuit breakers designed with delay curves appropriate for IT equipment.

PX is available in Zero U, 1U and 2U form factors. Certifications include FCC Part 15, A and cTUVus which is fully compliant with UL 60950-1 Rev. 3, EN 55022, Class A, EN 55024, EN 60950-1, CE mark, C-Tick and PSE. Units are RoHS/WEEE compliant.

Call **1.800.724.8090** or visit Raritan.com/PX

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Raritan is a leading provider of secure IT infrastructure management solutions that provide IT directors, managers and administrators the control they need to optimize data center productivity, enhance branch office operations and increase overall power management efficiency. In over 50,000 locations around the world, our integrated secure in-band and out-of-band server access, control and power management products help companies better monitor and manage server access, utilization and energy consumption. Raritan's OEM division provides advanced embedded hardware and firmware for server and client management, including KVM over IP, IPMI, intelligent power management and other industry standards-based management applications. Based in Somerset, NJ, Raritan has 38 offices worldwide, serving 76 countries. For more information, please visit Raritan.com

PX Specifications Chart

Model	Switched Receptacles	Input Voltage Phase	Maximum Amps Derated VA	Rack Space	Plug Type	Dimension (WxDxH)	Weight
DPCR8-15	8 x NEMA 5-15R	120 VAC, 1 PH	15A 1.4kVA	1U	NEMA 5-15P	17.32" x 6.57" x 1.73"; 440 x 167 x 44mm	8.0 lbs; 3.6 kg
DPXS12-20	12 x NEMA 5-15R	120 VAC, 1 PH	20A 1.9kVA	Zero U	NEMA 5-20P	2.0" x 2.56" x 41.10"; 52 x 65 x 1044mm	10.8 lbs; 4.9 kg
DPCS12-20L	12 x NEMA 5-15R	120 VAC, 1 PH	20A 1.9kVA	Zero U	NEMA L5-20P	2.24" x 1.97" x 49.33"; 57 x 50 x 1253mm	7.7 lbs; 3.5 kg
DPCR20-20	20 x NEMA 5-15R	120 VAC, 1 PH	20A 1.9kVA	2U	NEMA 5-20P	17.32" x 10.79" x 3.46"; 440 x 274 x 88mm	12.8 lbs; 5.8 kg
DPCR20-20L	20 x NEMA 5-15R	120 VAC, 1 PH	20A 1.9kVA	2U	NEMA L5-20P	17.32" x 10.79" x 3.46"; 440 x 274 x 88mm	12.8 lbs; 5.8 kg
DPCS20-20	20 x NEMA 5-15R	120 VAC, 1 PH	20A 1.9kVA	Zero U	NEMA 5-20P	2.24" x 1.97" x 70.71"; 57 x 50 x 1796mm	11.2 lbs; 5.1 kg
DPCS20-20L	20 x NEMA 5-15R	120 VAC, 1 PH	20A 1.9kVA	Zero U	NEMA L5-20P	2.24" x 1.97" x 70.71"; 57 x 50 x 1796mm	11.2 lbs; 5.1 kg
DPCS12-30L	12 x NEMA 5-15R	120 VAC, 1 PH	30A 2.9kVA	Zero U	NEMA L5-30P	6.5" x 6" x 69.5"; 165 x 152 x 1765mm	15.6 lbs; 7.1 kg
DPCR20-30L	20 x NEMA 5-15R	120 VAC, 1 PH	30A 2.9kVA	2U	NEMA L5-30P	17.32" x 10.79" x 3.46"; 440 x 274 x 88mm	13.4 lbs; 6.1 kg
DPCS20-30L	20 x NEMA 5-15R	120 VAC, 1 PH	30A 2.9kVA	Zero U	NEMA L5-30P	2.24" x 1.97" x 73.58"; 57 x 50 x 1869mm	11.8 lbs; 5.4 kg
DPCR8A-20L6	8 x IEC C-13	208 VAC, 1 PH	20A 3.3kVA	1U	NEMA L6-20P	17.32" x 6.57" x 1.73"; 440 x 167 x 44mm	8.0 lbs; 3.6 kg
DPCS20A-20L6	20 x IEC C-13	208 VAC, 1 PH	20A 3.3kVA	Zero U	NEMA L6-20P	2.24" x 1.97" x 70.79"; 57 x 50 x 1798mm	11.2 lbs; 5.1 kg
DPCR20A-30L6	20 x IEC C-13	208 VAC, 1 PH	30A 5.0kVA	2U	NEMA L6-30P	19.02" x 10.51" x 3.46"; 483 x 267 x 88mm	14.7 lbs; 6.7 kg
DPXS20A-30L6	20 x IEC C-13	208 VAC, 1 PH	30A 5.0kVA	Zero U	NEMA L6-30P	2.0" x 2.56" x 70.08"; 52 x 65 x 1780mm	18.0 lbs; 8.2 kg
DPCR8A-16	8 x IEC C-13	230 VAC, 1 PH	16A 3.7kVA	1U	IEC 6H-P	17.32" x 6.57" x 1.73"; 440 x 167 x 44mm	8.0 lbs; 3.6 kg
DPCS12A-16	12 x IEC C-13	230 VAC, 1 PH	16A 3.7kVA	Zero U	IEC 6H-P	2.24" x 1.97" x 49.33"; 57 x 50 x 1253mm	7.7 lbs; 3.5 kg
DPCS20A-16	20 x IEC C-13	230 VAC, 1 PH	16A 3.7kVA	Zero U	IEC 6H-P	2.24" x 1.97" x 70.79"; 57 x 50 x 1798mm	11.3 lbs; 5.2 kg
DPCR20A-32	20 x IEC C-13	230 VAC, 1 PH	32A 7.4kVA	2U	IEC 6H-P	17.32" x 10.79" x 3.46"; 440 x 274 x 88mm	13.4 lbs; 6.1 kg
DPCS20A-32	20 x IEC C-13	230 VAC, 1 PH	32A 7.4kVA	Zero U	IEC 6H-P	2.24" x 1.97" x 73.58"; 57 x 50 x 1869mm	11.3 lbs; 5.2 kg
PX-5314	12 x IEC C-19	400 VAC, 3 PH	16A per phase 11.1kVA	Zero U	IEC 60309	2.06" x 2.57" x 60.59"; 52 x 65 x 1539mm	12.3 lbs; 5.6 kg
PX-5532 PX-4532*	24 x IEC C-13	208/240 VAC, 3 PH	35A per phase 3 x 20A circuit 12.5kVA @ 208V; 14.4kVA @ 240V	Zero U	CS-8365-C	2.06" x 2.57" x 70.08"; 52 x 65 x 1780mm	18.5 lbs; 8.4 kg
PX-5534 PX-4534*	21 x IEC C-13, 3 x IEC C-19	208/240 VAC, 3 PH	35A per phase 3 x 20A circuit 12.5kVA @ 208V; 14.4kVA @ 240V	Zero U	CS-8365-C	2.06" x 2.57" x 70.08"; 52 x 65 x 1780mm	18.5 lbs; 8.4 kg
PX-5528	18 x IEC C-13, 6 x IEC C-19	400 VAC, 3 PH	32A per phase 6 x 16A circuit 22.2kVA	Zero U	IEC 60309	2.06" x 2.57" x 70.08"; 52 x 65 x 1780mm	23.8 lbs; 10.8 kg
PX-5318	12 x IEC C-19	400 VAC, 3 PH	32A per phase 6 x 16A circuit 22.2kVA	Zero U	IEC 60309	2.06" x 2.57" x 70.08"; 52 x 65 x 1780mm	23.8 lbs; 10.8 kg

*No switching