Dominion® PX

Features	Benefits
Power Distribution	
Power sequencing (User Defined)	In the event the Dominion PX is reset, the outlets will be turned on at specified intervals to prevent a surge. The user can define these intervals.
Receptacle status retention	In the event of a power outage, power is restored only to those receptacles that were on before the outage.
Circuit Breakers	The Dominion PX uses circuit breakers instead of fuses. In 32A/30A models or higher this meets the newest safety standard for branch circuit protection (UL60950 3rd edition), instead of the older standard which allowed the use of fuses. This prevents the need for having spare fuses in stock or having to take the time to replace them. Also, in many cases, a certified/licensed electrician is required to replace a fuse, where as circuit breakers can be reset by a user.
Power Monitoring	
Power-metering	The Dominion PX enables users to measure power at the **outlet level** (RMS, apparent power).
Alerting	In case a threshold is exceeded, or a circuit breaker trips, the Dominion PX alerts the user via e-mail, SMS (via external gateway), and SNMP traps.
Overload Alarm	User-configurable current threshold provides audible and visual alarm on current overload, allowing the user to act immediately to protect potential burnouts and interruption of services.
Environmental Monitoring	The Dominion PX will support external temperature sensors beginning with PX version 1.1. Sensors measuring other environmental factors will be available in future releases.
Seven Segment LED display	Shows actual current, voltage and circuit breaker released.
Remote Access	
IP Auto Configuration with DHCP, BOOTP	Easy set-up and administration.

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When you re ready to take control®

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Flexible Remote Access Options	Users can access the Dominion PX through a variety of access protocols for switching, metering, data collection and monitoring: • Convenient HTML GUI • Server Management Interface (IPMI) • Network Management Interface (SNMP) UNIX-like Console interface via serial connector or telnet/SSH (compatible with SMASH server management)
Dynamic DNS Support	Users can access the Dominion PX over a connection with a dynamically assigned IP address - which corresponds to a single DNS name.
SMASH CLP	The first and only PDU in the world that supports the Distributed Management Task Force's (DMTF) SMASH CLP.
Power Management	
HTML User Interface	The Dominion PX's intuitive browser-based GUI enables users to power on/off and reboot servers remotely.
Outlet Grouping	When using the Dominion PX in a standalone mode over TCP/IP, beginning with PX firmware version 1.1, users can define multiple outlets to function as a single virtual outlet. This is useful for powering down and rebooting servers with redundant power ports.
IP clustering	When using the Dominion PX in a standalone mode over TCP/IP, beginning with PX firmware version 1.1, multiple Dominion PX units can be clustered for ease of management and administration.
Interoperable with Raritan access and management products	Users of the Dominion KX series, SX, KSX, and Paragon® II can interface directly to the Dominion PX, or they can manage their power strips through CommandCenter® Secure Gateway 3.1.1 or higher.
Security	
Up to 256-bit SSL v3, AES Encryption	The Dominion PX is the first and only PDU in the industry that supports 256-bit AES encryption in hardware.
SSL Certificate	Creating individual certificates contributes to the security level of Dominion PX provided by SSL.
Event Logging	Tracks user logins, logouts, and power activities for an audit trail and regulatory compliance.
Local and remote authentication	Inherits the sophisticated local and remote authentication and authorization mechanisms (LDAP/S, RADIUS, and Active Directory) of the Dominion Series and Paragon II.

Features	Benefits
User-rights per outlet	An administrator can assign permissions on an outlet level to prevent unauthorized access.
Hardware Features	
Vertical and horizontal rack mount models	Dominion PX units come in a choice of space-saving form factors for vertical and horizontal rack mounting. 1U and 2U units mount horizontally on standard racks. Zero U units mount vertically on rack frames.
NEMA and IEC plug types	The 115 VAC units come with various NEMA twist lock and non-twist lock plug types. The 220 VAC units come with IEC and NEMA twist lock plug types.
Integration with industry leading racks	Easy integration and support for up to 5 different mounting positions in industry-leading racks.
Connections	Serial RJ 11 for environmental probes, RJ45 for serial access, Power-CIM's, SMASH CLI (IPMI profile), Ethernet 10/100Base-T, all IP based connections show link status and 10/100 status LED. Full support for full-duplex and 100Mbps operation.
Receptacle Status LED	Individual LED indicator for each receptacle for quick and easy status on physical access.
Flexibility of connections	Simultaneous connection via Ethernet (TCP/IP) and serial ports for advanced applications and redundancy of connections.