

## Dominion® PX



Features	Benefits
<b>Power Distribution</b>	
<i>Power sequencing (User Defined)</i>	In the event the Dominion PX is reset, the outlets will be turned on at specified intervals to prevent tripped circuit breakers from surges. The user can define these intervals.
<i>Receptacle status retention</i>	In the event of a power outage, power is restored only to those receptacles that were on before the outage.
<i>Circuit Breakers</i>	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 3 <sup>rd</sup> 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.
<b>Power Monitoring</b>	
<i>Power-metering</i>	The Dominion PX enables users to measure power at the <b>outlet level</b> (RMS, apparent power) providing an accurate view of power consumption at a server or PDU level.
<i>Alerting</i>	In case a threshold is exceeded, or a circuit breaker trips, the Dominion PX alerts the user via e-mail, SMS (via external gateway), audio alarm, and SNMP traps, providing advanced warning before major incidents occur.
<i>Overload Alarm</i>	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.
<i>Environmental Monitoring</i>	The Dominion PX will support external temperature and humidity sensors beginning with PX version 1.1, providing early warning to hotspots in the rack.
<i>Seven Segment LED display</i>	Shows actual current, voltage and circuit breaker released on the PDU both at the strip and at the receptacle level.

<b>Remote Access</b>	
<i>IP Auto Configuration with DHCP, BOOTP</i>	Easy set-up and administration.
<i>Flexible Remote Access Options</i>	<p>Users can access the Dominion PX through a variety of access protocols for switching, metering, data collection and monitoring:</p> <ul style="list-style-type: none"> <li>• Convenient HTML GUI</li> <li>• Server Management Interface (IPMI)</li> <li>• Network Management Interface (SNMP)</li> <li>• UNIX-like Console interface via serial connector or telnet/SSH (compatible with SMASH server management )</li> </ul>
<i>Dynamic DNS Support</i>	Users can access the Dominion PX over a connection with a dynamically assigned IP address - which corresponds to a single DNS name.
<i>IPMI and SMASH CLP</i>	The first and only PDU in the world that supports industry management standards: the Intelligent Platform Management Interface (IPMI) and the Distributed Management Task Force's (DMTF) Systems Management Architecture for Server Hardware (SMASH) CLP, providing a uniform way to manage both servers and the PDU.
<b>Power Management</b>	
<i>HTML User Interface</i>	The Dominion PX's intuitive browser-based GUI enables users to power on/off and reboot servers remotely.
<i>Outlet Grouping</i>	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 supplies.
<i>Virtual outlets</i>	Beginning with PX firmware version 1.1, outlets on multiple Dominion PX units can be grouped for ease of management and administration of servers.
<i>Integration with multiple Raritan solutions</i>	Simplified power control capabilities, power on/off/recycle, is available through Raritan's Dominion KXII, Dominion SX, Paragon® II, and CommandCenter® Secure Gateway 3.1.1 or higher, providing systems administrators access to power control via one user interface.
<b>Security</b>	
<i>Up to 256-bit AES encryption</i>	The Dominion PX is the first and only PDU in the industry that supports 256-bit AES encryption.

<i>SSL Certificate</i>	Creating individual server side certificates enhances the security level of Dominion PX provided by SSL.
<i>Event Logging</i>	Tracks user logins, logouts, and power activities for an audit trail to support regulatory compliance.
<i>Local and remote authentication and authorization</i>	Dominion PX provides built-in support for standards based authentication protocols, including LDAP/S, RADIUS, and Active Directory. When deployed in conjunction with other Raritan solutions, additional authentication schemes can be supported, including TACACS+, Kerberos, and SecureID.
<i>User-rights per outlet</i>	An administrator can assign permissions on an outlet level to prevent unauthorized access.
<b>Hardware Features</b>	
<i>Vertical and horizontal rack mount models</i>	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.
<i>NEMA and IEC plug and receptacle types</i>	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 and receptacle types.
<i>Integration with industry leading racks</i>	Easy integration and support for up to 5 different mounting positions in industry-leading racks.
<i>Connections</i>	Serial RJ12 for environmental probes, RJ45 for serial access/Power-CIM, RJ45 Ethernet 10/100Base-T. Link status, network activity, and 10/100 status LED. Full support for full-duplex and 100Mbps operation.
<i>Receptacle Status LED</i>	Individual LED indicator for each receptacle for quick and easy status on physical access.
<i>Flexibility of connections</i>	Simultaneous connection via Ethernet (TCP/IP) and serial ports for advanced applications and redundancy of connections.