

# MPX™ ADAPTIVE RACK PDU

Respond To Change While Watching Your Bottom Line



## MPX BENEFITS

- Adaptive capacity, distribution, monitoring, control and management of critical devices
- Flexibility to respond to constant change—redeploy modules to suit changing needs
- Buy only what you need and build on your investment

### Designed for Critical Environments

- Critical rack space operating temperature—up to 55°C / 131°F to support hot internal rack environments
- Accurate power metering of +/-1% voltage & current for assured oversight
- Energy and power metering down to the individual receptacle
- Comprehensive alarming including notification of overloaded branch circuits
- Environmental sensing with threshold and alarm set-points
- Notification on the loss or removal of individual rack equipment loads

Confidently take on the uncertain future of connected power requirements with MPX, the most responsive and adaptive rack PDU available.

With MPX rack PDU technology, you can respond to rack equipment changes and dynamic capacities by leveraging:

- Hot-swappable modular output power
- Hot-swappable modular communications
- Modular input power

### Reconfigurable Power Capacity & Distribution

The MPX rack PDU has a scalable design that allows onsite configuration to fit immediate IT equipment needs. It is the perfect choice to respond to the needs of a growing data center. Relocate or add IT equipment to support changing needs, by easily reconfiguring the power input and distribution.

### Fits Needs Now And Later

The MPX rack PDU provides a wide selection of single phase and three-phase power input configurations—with the ability to field change while maintaining distribution infrastructure.

**Hot Swappable Output Power** deploy easily to get IT equipment online quickly

**Receptacles & Modules** may be remotely controlled and metered, providing operator flexibility and allowing increased site security

### Modular Input Power

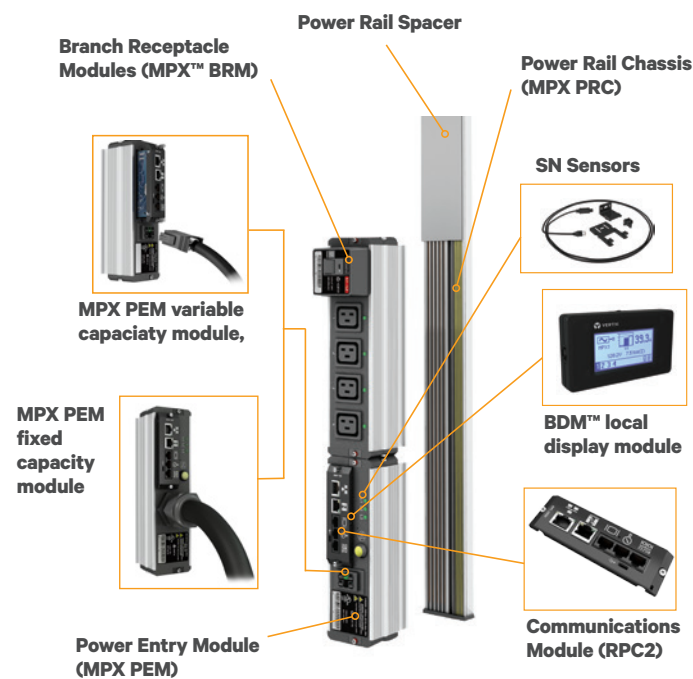
- May be reconfigured to support changing power needs, single and three phase input
- Can be positioned for top or bottom rack entrance



## MPX™ Specifications

<b>Mounting</b>	Preinstalled Toolless brackets; Universal Mounting bracket; Ability to ship rack PDU preinstalled in Vertiv™ Racks
<b>Input Power Options North America</b>	100 - 120V 1-ph 20A/30A; 200 - 240V 1-ph 20/30A; 200 - 240V 3-ph 20/30/50/60A; 208/120V 3-ph 20/30A ; 415V/240V 3-ph 20A/30A
<b>Input Power Options International</b>	230V 1-ph 16A/32A; 230/400V 3-ph 16A/32A/63A
<b>Input Wiring Options</b>	10 ft. pluggable power cord
<b>Max. Capacity North America</b>	17.2 kW
<b>Max. Capacity International</b>	27.7 kW
<b>Outlet Options</b>	NEMA 5-20; IEC 320C13; IEC 320 C19; Schuko; French UTE; Schuko; Switzerland CH SEV 1011; GST 18
<b>Maximum Outlets</b>	Basic BRM's: 42; Rack PDU Metered BRM's: 36 Outlet Metered & Switched BRM's: 36
<b>Maximum Operating Temp. Range</b>	0°C to 55°C (32°F to 131°F)
<b>Storage Temperature Range</b>	-25°C to 85°C (-13°F to 185°F)
<b>Relative Humidity</b>	5% to 95%
<b>Overcurrent Protection</b>	Software Electronic Overcurrent Protection; 100% Rated 20A Branch Overcurrent Protection - Hydraulic Magnetic Circuit Breakers
<b>Idle Power Consumption</b>	3 W – 22 W
<b>OU Units Width x Depth</b>	75 mm x 104 mm (2.95 in x 4.09 in)
<b>OU units Length</b>	1035 mm / 1880 mm (40.7 in / 74 in)
<b>Standard Warranty</b>	2 years; Extended Warranties Available

<b>Agency Approvals</b>	UL, CSA, CE, RoHS, REACH, FCC Class A, CB, WEEE, ISTA
<b>Metering Levels</b>	Aggregate, Branch, Phase, Outlet
<b>Parameters Measured</b>	Volts, Current, kW, KVA, kWh, Power Factor, Crest Factor, Frequency
<b>Metering Accuracy</b>	+/-1%
<b>Switching Capability</b>	On, Off, Recycle, Lock, Unlock, Outlet Grouping Capability
<b>Modularity</b>	Power Entry Module; Branch Receptacle Module; RPC2™ communications module
<b>Local Management</b>	Optional Local Display
<b>Remote Management</b>	Onboard Web Interface; CLI; SNMP; SSH; Telnet Integration with Avocent® ACS, Avocent Universal Management Gateway & Avocent MergePoint™ Unity Integration with DSView®, Rack Power Manager, Nform™ and the Trellis™ platform
<b>SNMP version support</b>	v1, v2 and v3
<b>Authentication</b>	Local; Remote: Active Directory, LDAP, TACACS, Radius, Kerberos
<b>Encryption</b>	MD5, AES, DES



## Seamless DCIM Manageability and Integration

### DCIM

- Avocent® Universal Management Gateway
- Trellis™ Platform

### Critical Equipment Monitoring Solutions

- Liebert® Nform™
- Liebert SiteScan®
- 3rd party apps (SNMP)

### Out of Band Access and Control Solutions

- Avocent Advanced Console Server
- Avocent MergePoint® Unity
- Avocent DS View 4™

### Centralized PDU Management

- Rack Power Manager

