

P1000 SERIES POWER DISTRIBUTION UNITS



P1000 SERIES POWER DISTRIBUTION UNITS (PDU'S)

[A-E] P1000 Series Rack PDUs are designed for data centers, server rooms, and other environments that require "always on" power. The robust, compact design ensures that these products can be used wherever reliability and density are important.

All models feature robust construction with 18AWG cold-rolled steel enclosures; LED indicators for power, grounding, and polarity; hardwired power input cords, and circuit breaker protection to prevent current overloads. Horizontal (rack-mount) and vertical (Zero-U) styles are available.

**The P1000 product line complements and augments the line of 4505 and 5500 series rack-mounted power/surge strips as well as our intelligent PDU's.**

UNMETERED VERTICAL POWER DISTRIBUTION UNITS (PDU'S), SINGLE-INPUT								
INPUT			OUTPUT				DIMENSIONS	PART NO.
Voltage	Cord Length	Cord Plug Type	Voltage	Max Current Draw (Amps)	Receptacle Type	Receptacle Quantity		
120V	10ft	5-15P	120V	15A	5-15R	16	30"L x 1.8"W x 1.75"D	P1040-10S
<b>[A]</b> 120V	10ft	5-20P	120V	20A	5-20R	16	30"L x 1.8"W x 1.75"D	P1041-10S
120V	10ft	L5-20P	120V	20A	5-20R	16	30"L x 1.8"W x 1.75"D	P1042-10L
120V	10ft	5-20P	120V	20A	5-20R	24	48"L x 1.8"W x 1.75"D	P1043-10S
<b>[B]</b> 120V	10ft	L5-20P	120V	20A	5-20R	24	48"L x 1.8"W x 1.75"D	P1044-10L
120V	10ft	L5-30P	120V	30A	5-20R	24	48"L x 1.8"W x 1.75"D	P1045-10L
208V	10ft	L6-20P	208V	20A	C13	24	48"L x 2.19"W x 2"D	P1046-10L
<b>[C]</b> 208V	10ft	L6-30P	208V	30A	C13	24	48"L x 2.19"W x 2"D	P1047-10L
UNMETERED HORIZONTAL POWER DISTRIBUTION UNITS (PDU'S), SINGLE-INPUT								
120V	12ft	5-15P	120V	15A	5-15R	10	1.75"L x 17.5"W x 4.5"D	P1020-12S
<b>[D]</b> 120V	12ft	5-20P	120V	20A	5-20R	10	1.75"L x 17.5"W x 4.5"D	P1021-12S
120V	12ft	L5-20P	120V	20A	5-20R	10	1.75"L x 17.5"W x 4.5"D	P1022-12L
120V	12ft	L5-30P	120V	30A	5-20R	10	1.75"L x 17.5"W x 4.5"D	P1023-12L
208V	12ft	L6-20P	208V	20A	C13	12	1.75"L x 17.5"W x 4.5"D	P1024-12L
<b>[E]</b> 208V	12ft	L6-30P	208V	30A	C13	12	1.75"L x 17.5"W x 4.5"D	P1025-12L
SPECIFICATIONS & FEATURES								
<ul style="list-style-type: none"> <li>• Available in vertical zero-U or horizontal rack-mount styles</li> <li>• Available in 120V or 208V options</li> <li>• LED indicators for power and grounding/polarity</li> <li>• All models feature circuit breaker protection to prevent current overloads</li> <li>• 208V PDU's come with 2-pole circuit breakers for added safety</li> </ul>				<ul style="list-style-type: none"> <li>• Robust construction with 18AWG cold-rolled steel enclosure construction powder coated black</li> <li>• Included mounting hardware allows attachment to most common cabinets and racks</li> <li>• 120V/30A PDU's and all 208V PDU's come with DP-rated cords</li> <li>• Certified to UL 1363 or UL 60950-1, RoHS compliant</li> </ul>				

Note: All P1000 Series PDU's have hardwired cords.



5-15R 120V



5-20R 120V



C13 120V/208V



5-20P 120V



L5-30P 120V



L6-30P 208V



C20 120V



L21-20P 120V/208V



L6-20P 208V



5-15P 120V



L5-20P 120V

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## INTELLIGENT POWER DISTRIBUTION UNITS - METERED



### METERED POWER DISTRIBUTION UNITS (PDU'S)

**[A-D]** Metered PDU's provide the reliable power distribution required for high-demand applications. High-reliability designs, high-performance components, and quality manufacturing result in a robust product suitable for "always on" environments. LED display provides input current monitoring, for connected equipment, assuring optimal use of available amperage. Metered Power Distribution Units are available in 120V or 208V with 20 and 30-Amp configurations. Choose space-saving vertical (zero-U) or horizontal (rack-mount) styles with a variety of input and output plug types.

### ACCESSORIES

**[E]** A hardwired power input cord is provided with all 30-amp PDU's. Power cords for 20-amp PDUs, available in multiple configurations to suit a variety of application environments are sold separately.

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METERED VERTICAL POWER DISTRIBUTION UNITS (PDU'S)							
INPUT			OUTPUT			DIMENSIONS	PART NO.
Voltage	Amps	Input Cord Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity		
[A] 120V	20A	Modular cord; see "Accessories" below	120V	5-20R	12	31.25" L x 1.75"W x 2.25" D	MV121-1D1
120V	30A	Hardwired; 10' w/L5-30P plug	120V	5-20R	12	31.25" L x 1.75"W x 2.25" D	MV121-1B1
120V	20A	Modular cord; see "Accessories" below	120V	5-20R	24	54.0" L x 1.75"W x 2.25" D	MV241-1D1
[B] 120V	30A	Hardwired; 10' w/L5-30P plug	120V	5-20R	24	54.0" L x 1.75"W x 2.25" D	MV241-1B1
208V	30A	Hardwired; 10' w/L6-30P plug	120V	C13	12	31.25" L x 1.75"W x 2.25" D	MV122-1C2
208V	30A	Hardwired; 10' w/L6-30P plug	120V	C13	24	54.0" L x 1.75"W x 2.25" D	MV242-1C2
120/ 208V 3 Phase	20A	Hardwired; 10' w/L21-20P plug	120V	C13	21	45.75" L x 1.75"W x 2.25" D	MV213-1E2

METERED HORIZONTAL POWER DISTRIBUTION UNITS (PDU'S)							
INPUT			OUTPUT			DIMENSIONS	PART NO.
Voltage	Amps	Input Cord Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity		
[C] 120V	20A	Modular cord; see "Accessories" below	120V	5-20R	10	1.75" L x 17.25"W x 5" D	MH101-1D1
120V	30A	Hardwired; 10' w/L5-30P plug	120V	5-20R	10	1.75" L x 17.25"W x 5" D	MH101-1B1
[D] 208V	30A	Hardwired; 10' w/L6-30P plug	208V	C13	12	1.75" L x 17.25"W x 5" D	MH122-1C2

SPECIFICATIONS & FEATURES	
<ul style="list-style-type: none"> <li>LED display provides visible warning when current draw is close to maximum capacity thus avoiding circuits overload</li> <li>True RMS current monitoring prevents overloads in high-density computing environments</li> <li>Meets the UL 60950-1 requirements for branch circuit protection</li> </ul>	<ul style="list-style-type: none"> <li>Included mounting hardware allows attachment to most common cabinets and racks</li> <li>Available in vertical zero-U or horizontal rack-mount styles</li> <li>Available in 120V or 208V options</li> <li>A wide variety of input and output options ensures the flexibility to adapt to varying power requirements</li> </ul>

\* 120V/20A PDU's need a Modular Power Cord as shown in "Accessories" below  
Other configurations available on request.

ACCESSORIES	
DESCRIPTION	PART NO.
[E] Modular Power Cord, C19 to 5-15P, 10 ft.	PCORD-G10
Modular Power Cord, C19 to 5-20P, 10 ft.	PCORD-A10
Modular Power Cord, C19 to L5-20P, 10 ft.	PCORD-H10



## INTELLIGENT POWER DISTRIBUTION UNITS - SWITCHED



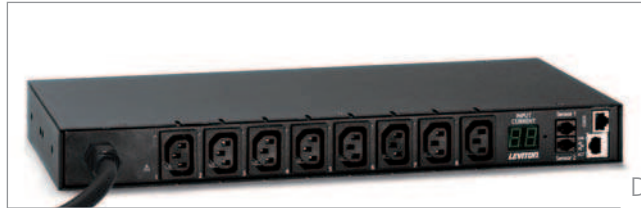
A,B



C



E



D



F

## SWITCHED POWER DISTRIBUTION UNITS (PDU'S)

**[A-D]** Switched PDU's provide the solution to many power management problems common in IT environments, including unauthorized use of power outlets, equipment lock-up, in-rush current, overloaded circuits, and the need for remote access to power outlets.

These problems are addressed through an extensive feature set including individual outlet control which allow users to turn outlets on and off or recycle power, in order to reboot equipment. The power sequence feature controls the interval in which equipment is powered up or down to avoid in-rush current. The aggregate current draw can be monitored remotely or locally via digital display to avoid overload conditions. Switched Power Distribution Units can be accessed, configured, and controlled via Telnet/SSH, HTTP/SSL, Serial Ports, and SNMP.

## ACCESSORIES

**[E, F]** Each Switched PDU allows for environmental monitoring via an optional probe designed to monitor temperature and relative humidity (available separately). Each 30-amp PDU includes a hardwired power input cord. Power cords for 20-amp PDU's, available in multiple configurations to suit a variety of application environments, are sold separately.

SWITCHED VERTICAL POWER DISTRIBUTION UNITS (PDU'S)								
INPUT			OUTPUT			DIMENSIONS	PART NO.	
Voltage	Amps	Input Cord Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity			
[A]	120V	20A	Modular cord; see "Accessories" below	120V	5-20R	16	63.5" L x 1.75" W x 2.25" D	SV161-1D1
	120V	30A	Hardwired; 10' w/ L5-30P plug	120V	5-20R	16	63.5" L x 1.75" W x 2.25" D	SV161-1B1
[B]	208V	30A	Hardwired; 10' w/ L6-30P plug	208V	C13	16	63.5" L x 1.75" W x 2.25" D	SV162-1C2
SWITCHED HORIZONTAL POWER DISTRIBUTION UNITS (PDU'S)								
INPUT			OUTPUT			DIMENSIONS	PART NO.	
Voltage	Amps	Input Cord Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity			
[C]	120V	20A	Modular cord; see "Accessories" below	120V	5-20R	8	1.75" L x 17" W x 7" D	SH081-1D1
	120V	30A	Hardwired; 10' w/ L5-30P plug	120V	5-20R	8	1.75" L x 17" W x 7" D	SH081-1B1
[D]	208V	30A	Hardwired; 10' w/ L6-30P plug	208V	C13	8	1.75" L x 17" W x 7" D	SH082-1C2
SPECIFICATIONS & FEATURES								
Includes the functionality of our Metered PDU series plus the following:								
<ul style="list-style-type: none"> <li>Remote individual outlet management allows shut down of unused outlets and remote rebooting of attached equipment</li> <li>Full featured network management provided via Web, SNMP and Telnet allows remote access, configuration and management</li> <li>Power sequencing prevents in-rush current and avoids circuit overload</li> </ul>				<ul style="list-style-type: none"> <li>Provides SNMP alerts when power or environmental conditions exceed thresholds</li> <li>Firmware is easily upgraded via network download to installed units for future product enhancements</li> <li>External probe available separately for environmental monitoring</li> </ul>				

\* 120V/20A PDU's need a Modular Power Cord as shown in "Accessories" below  
Other configurations available on request.

ACCESSORIES	
DESCRIPTION	PART NO.
[E] Modular Power Cord, C19 to 5-15P, 10 ft.	PCORD-G10
Modular Power Cord, C19 to 5-20P, 10 ft.	PCORD-A10
Modular Power Cord, C19 to L5-20P, 10 ft.	PCORD-H10
[F] Temperature & Relative Humidity Probe, 10 ft.	TCORD-010



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## 4505/5500 SERIES POWER DISTRIBUTION UNITS



[Front View]

[Rear View]

### POWER DISTRIBUTION UNITS

**[A-C]** Excellent for rack-mount applications in data centers and wiring closets, 5500/5505 and 4505 series power distribution units (PDU's) provide you with the robust but economical solutions you need to power and protect your vital electronic equipment. Available both with (5500 and 5505 series) and without surge protection (4505 series), these PDU's offer a variety of feature flexibility to suit your diverse applications.

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4505 SERIES RACK MOUNT POWER DISTRIBUTION UNITS										
FOOTPRINT	ON/OFF SWITCH		INPUT				OUTPUT			PART NO.
	Yes	No	Input Voltage	Amps	Input Plug	Cord Length	Output Voltage	Receptacle Type	Receptacle Quantity	
Horizontal / RackMnt	•		120V	20A	L5-20P	7ft	120V	5-20R	10	4505-20L
<b>[A]</b> Horizontal / RackMnt	•		120V	20A	L5-20P	10ft	120V	5-20R	10	4505-20T
Horizontal / RackMnt	•		120V	20A	L5-20P	15ft	120V	5-20R	10	4505-20F

SPECIFICATIONS & FEATURES 4505 SERIES	
<ul style="list-style-type: none"> <li>Mounts horizontally on 19" racks or cabinets to provide robust power distribution</li> <li>10 receptacles</li> <li>Resettable circuit breaker protects against overloading</li> <li>Most models available with locking plug</li> </ul>	<b>Material Characteristics</b> <ul style="list-style-type: none"> <li>Operating Temperature: -10°C to 60°C</li> <li>Storage Temperature: -35°C to 60°C</li> </ul>

5500/5505 SERIES RACK MOUNT POWER DISTRIBUTION UNITS WITH SURGE PROTECTION										
FOOTPRINT	ON/OFF SWITCH		INPUT				OUTPUT			PART NO.
	Yes	No	Input Voltage	Amps	Input Plug	Cord Length	Output Voltage	Receptacle Type	Receptacle Quantity	
<b>[B]</b> Horizontal / RackMnt	•		120V	15A	L5-15P	12ft	120V	5-15R	12	5500-190
Horizontal / RackMnt	•		120V	20A	L5-20P	12ft	120V	5-20R	12	5500-192
Horizontal / RackMnt	•		120V	20A	L5-20P	12ft	120V	5-20R	12	5500-20L
Horizontal / RackMnt	•		120V	15A	5-15P	12ft	120V	5-15R	12	5500-15N
<b>[C]</b> Horizontal / RackMnt	•		120V	20A	5-20P	12ft	120V	5-20R	12	5500-20N
Horizontal / RackMnt	•		120V	20A	L5-20P	12ft	120V	5-20R	12	5500-2NL
Horizontal / RackMnt	•		120V	15A	5-15P	12ft	120V	5-15R	12	5505-190

SPECIFICATIONS & FEATURES 5500 & 5505 SERIES		
<ul style="list-style-type: none"> <li>Mounts horizontally on 19" racks or cabinets to provide robust power distribution</li> <li>12 receptacles – 10 in back, 2 in front</li> <li>Available with easy-access ON/OFF rocker-style switch, or without switch to avoid unnecessary equipment switching</li> <li>Resettable circuit breaker protects against overloading</li> <li>Most models available with locking plug</li> </ul>	<b>Testing &amp; Code Compliance</b> <ul style="list-style-type: none"> <li>UL Recognized Component tested to UL 1449 standards</li> <li>Covered by a Lifetime Limited Downtime Warranty</li> </ul>	<b>Material Characteristics</b> <ul style="list-style-type: none"> <li>Operating Temperature: -10°C to 60°C</li> <li>Storage Temperature: -35°C to 60°C</li> </ul>

SURGE PROTECTION SPECIFICATIONS 5500 & 5505 SERIES	
5500 SERIES	5505 SERIES
Peak Surge Current: 52kA Clamping Voltage: 330V EMI/RFI @ 100KHz to 30MHZ = -10 to -35dB Total Joule Rating: 1440 Physical Dimensions: 1.71" x 19" x 4.55" (HxWxD)	Peak Surge Current: 30kA Clamping Voltage: 400V EMI/RFI @ 100KHz to 30MHZ = -5 to -40dB Total Joule Rating: 540 Physical Dimensions: 1.71" x 19" x 2.56" (HxWxD)