

Basic Power Distribution Units (PDUs)

SPECIFICATIONS

Panduit Basic Rack PDUs shall provide reliable, cost-effective power distribution in a variety of inputs (Single or Three Phase; Delta or WYE) and outlet configurations.

Basic PDUs have some of the highest outlet densities and the smallest form factors available in the marketplace. They feature up to 54 outlets and come standard with a top fed 10-foot (3 meter) input power cord. They are capable of mounting vertically (0U) or horizontally (1U or 2U) in a data center/enterprise cabinet or rack using standard mounting buttons or included hardware.

STANDARDS AND FLAME RATING

North America – UL, CB Test Approved (File number: E218078)	RoHS Compliant
International – CE Approved	REACH Compliant

TECHNICAL INFORMATION

Attributes:	Height in. (mm)	Width in. (mm)	Depth in. (mm)
1U:	1.6 (40.6)	17.5 (444.5)	2.0 (50.8)
1U:	1.7 (43.2)	17.5 (444.5)	7.8 (198.1)
1U:	1.7 (43.2)	17.5 (444.5)	10.6 (269.2)
2U:	3.4 (86.4)	17.5 (444.5)	7.8 (198.1)
0U HALF:	32.2 (817.9)	2.0 (50.8)	2.1 (53.3)
0U MID:	58.7 (1491)	2.0 (50.8)	2.1 (53.3)
0U FULL:	68.9 (1750.1)	2.0 (50.8)	2.1 (53.3)
0U Full (Wide):	68.9 (1750.1)	3.3 (83.8)	2.1 (53.3)
Mounting:	Vertical units provide up to 54 outlets and do not occupy the EIA space. Horizontal units provide up to 16 outlets and mount in standard (1U or 2U) TIA/EIA rack space.		

KEY FEATURES AND BENEFITS

Outlet density:	Meets demands of densely packed IT equipment in rack or cabinet space
Form factor:	Optimal form factor takes up less space for efficient rack space utilization
Operating temperature:	60°C ambient at full load for operational reliability
Cable retention:	Our innovative cable tie accepting outlets allow for secure cord retention (C13 and C19 only) using a cable tie for added safety and security. (Panduit part number: PLT21-C0)
Circuit breakers:	Protects data center equipment for increased reliability by interrupting potentially hazardous circuit over-current conditions*
Color coded circuits*:	Easily identify phase-to-outlet banks to aid in fault isolation or load balancing
Multiple input plug options:	A full breadth offering to seamlessly interoperate with existing building power wiring schemes
Multiple mounting options:	Enables simple out of the box commissioning and flexibility with Panduit cabinets and industry standard mounting features enabling installation into third-party cabinets
Mounting buttons:	Allows tool-less mounting of rack PDUs for faster installations on vertical 0U units
External chassis ground:	Meets NEC requirements and installation guidelines for IT equipment

*Applies to products outfitted with circuit breakers

APPLICATIONS

Basic PDUs can be easily installed into Panduit (or third-party cabinets) by utilizing the installed mounting buttons (18.4mm diameter). Where necessary, a Small Diameter (14.5mm) mounting button is available (sold separately, p/n: [MA018](#)). PDUs feature threaded inserts on the back and both sides for the ultimate in mounting flexibility. They safely and efficiently manage and distribute power to multiple devices through a single input power connector, per PDU, to enhance scalability of network build-outs.



Basic Power Distribution Units (PDUs)

PHYSICAL AND MECHANICAL PROPERTIES

	North America	International Models
Input voltage:	Single-Phase 120 V Single-Phase 208 V Single-Phase 240 V Three-Phase Delta 208 V Three-Phase Wye 120/208 V Three-Phase Wye 415 V	Single-Phase 240 V Three-Phase Wye 240/415 V
Input current z(per phase):	15, 20, 30, 50, 60 Amps	16, 32, 63 Amps
Input power:	1.4 – 17.3 (kVA)	3.7 – 22 (kVA)
Input frequency:	50/60 Hz	
Output voltage:	120 - 240 VAC	
Maximum output current (outlet):	IEC C13: 10 Amps IEC C19: 16 Amps NEMA 5-20R: 16 Amps	
Overload protection (where applicable):	Circuit Breakers, hydraulic magnetic	
Input cord length:	10 ft. (3m)	
Input cord connection type:	>20 Amps Fixed ≤20 Amps Detachable	
Temperature range:	Storage: -4°F to 140°F (-20°C to 60°C) Operation: 50°F to 140°F (10°C to 60°C)	
Operating humidity:	10% to 90% non-condensing	
Non-operating humidity:	5% to 95% RH, 38.7°C max wet bulb temperature with no cosmetic damage	
Relative storage humidity:	5% to 95%	
Operating elevation:	0 to 10,000 ft. (0 to 3,000m)	
Storage elevation:	0 to 30,000 ft. (0 to 9,144m)	

10 kAIC Circuit Breakers for all 415V models for North America

PRODUCT SPECIFICATIONS

BASIC 1-PHASE PDU

100-240 VAC, 1-PHASE	Part Number	Region	Input Current per phase	Form Factor	Input Plug Type	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (mm)	Width In. (mm)	Depth In. (mm)
	P12B01M	NA	15	1U	5-15P	1.4	12	 (12)5-20R	1.6 (40.64)	17.5 (444.5)	2.0 (50.8)
	P12B34M	INTL	16	1U	IEC 60309-316P6	3.7	12	 (12)C13	1.6 (40.64)	17.5 (444.5)	2.0 (50.8)
	P12B19M	NA	20	1U	5-20P	1.9	12	 (12)5-20R	1.6 (40.64)	17.5 (444.5)	2.0 (50.8)
	P12B30M	NA	20	1U	L5-20P	1.9	12	 (12)5-20R	1.6 (40.64)	17.5 (444.5)	2.0 (50.8)
	P12B46M	NA	20	1U	L6-20P	3.3	12	 (12)C13	1.6 (40.64)	17.5 (444.5)	2.0 (50.8)
	P12B47M	NA	30	1U	L6-30P	5	12	 (12)C13	1.7 (43.18)	17.5 (444.5)	7.8 (198.12)
	P06B35M	INTL	32	1U	IEC 60309-332P6	7.4	6	 (6)C19	1.7 (43.18)	17.5 (444.5)	7.8 (198.12)
	P12B36M	INTL	32	1U	IEC 60309-332P6	7.4	12	 (12)C13	1.7 (43.18)	17.5 (444.5)	7.8 (198.12)
	P06B48M	NA	50	1U	CS8265C	8.3	6	 (6)C19	1.7 (43.18)	17.5 (444.5)	7.8 (198.12)
	P16B41M	NA	30	2U	L5-30P	2.9	16	 (16)5-20R	3.4 (86.36)	17.5 (444.5)	7.8 (198.12)
	P16B04M	NA	15	0U HALF	5-15P	1.4	16	 (16)5-20R	32.2 (817.88)	2.0 (50.8)	2.1 (53.34)
	P22B39M	INTL	16	0U HALF	IEC 60309-316P6	3.7	22	 (20)C13  (2)C19	32.2 (817.88)	2.0 (50.8)	2.1 (53.34)

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100-240 VAC, 1-PHASE	Part Number	Region	Input Current per phase	Form Factor	Input Plug Type	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length In. (mm)	Width In. (mm)	Depth In. (mm)
	P16B07M	NA	20	OU HALF	5-20P	1.9	16	 (16)5-20R	32.2 (817.88)	2.0 (50.8)	2.1 (53.34)
	P16B08M	NA	20	OU HALF	L5-20P	1.9	16	 (16)5-20R	32.2 (817.88)	2.0 (50.8)	2.1 (53.34)
	P22B05M	NA	20	OU HALF	L5-20P	1.9	22	 (20)C13  (2)C19	32.2 (817.88)	2.0 (50.8)	2.1 (53.34)
	P22B10M	NA	20	OU HALF	L6-20P	3.3	22	 (20)C13  (2)C19	32.2 (817.88)	2.0 (50.8)	2.1 (53.34)
	P22B09M	NA	30	OU HALF	L5-30P	2.9	22	 (22)5-20R	32.2 (817.88)	2.0 (50.8)	2.1 (53.34)
	P20B16M	NA	30	OU HALF	L6-30P	5	20	 (20)C13	32.2 (817.88)	2.0 (50.8)	2.1 (53.34)
	P20B40M	INTL	32	OU HALF	IEC 60309-332P6	7.4	20	 (20)C13	32.2 (817.88)	2.0 (50.8)	2.1 (53.34)
	P24B15M	NA	30	OU MID	L6-30P	5	24	 (20)C13  (4)C19	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)
	P42B17M	NA	30	OU MID	L6-30P	5	42	 (36)C13  (6)C19	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)
	P30B06M	INTL	32	OU MID	IEC 60309-332P6	7.4	30	 (24)C13  (6)C19	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)
	P42B42M	INTL	32	OU MID	IEC 60309-332P6	7.4	42	 (36)C13  (6)C19	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)
	P36B43M	INTL	48	OU MID	IEC 60309-363P6	11	36	 (30)C13  (6)C19	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)
	P36B18M	NA	50	OU MID	CS8265C	8.3	36	 (30)C13  (6)C19	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)
	P36B20M	NA	50	OU MID	50A Hardwire	8.3	36	 (30)C13  (6)C19	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)

BASIC 3-PHASE PDU

208 VAC, 3-PHASE	Part Number	Region	Input Current per phase	Form Factor	Input Plug Type	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length In. (mm)	Width In. (mm)	Depth In. (mm)
	P06B49M	NA	30	1U	L15-30P	8.6	6	 (6)C19	1.7 (43.18)	17.5 (444.5)	7.8 (198.12)
	P06B50M	NA	30	1U	L21-30P	8.6	6	 (6)C19	1.7 (43.18)	17.5 (444.5)	7.8 (198.12)
	P06B02M	NA	50	1U	CS8365C	14.4	6	 (6)C19	1.7 (43.18)	17.5 (444.5)	7.8 (198.12)
	P06B03M	NA	60	1U	IEC 60309-460P9	17.3	6	 (6)C19	1.7 (43.18)	17.5 (444.5)	7.8 (198.12)
	P18B21M	NA	30	OU HALF	L15-30P	8.6	18	 (18)C13	32.2 (817.88)	2.0 (50.8)	2.1 (53.34)
	P18B24M	NA	30	OU HALF	L21-30P	8.6	18	 (18)C13	32.2 (817.88)	2.0 (50.8)	2.1 (53.34)
	P36B22M	NA	30	OU MID	L15-30P	8.6	36	 (30)C13  (6)C19	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)
	P30B25M	NA	30	OU MID	L21-30P	8.6	30	 (24)C13  (3)C19  (3)5-20R	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)
	P36B26M	NA	30	OU MID	L21-30P	8.6	36	 (30)C13  (6)C19	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)
	P42B23M	NA	30	OU FULL	L15-30P	8.6	42	 (36)C13  (6)C19	68.9 (1750.06)	2.0 (50.8)	2.1 (53.34)
	P42B27M	NA	30	OU FULL	L21-30P	8.6	42	 (36)C13  (6)C19	68.9 (1750.06)	2.0 (50.8)	2.1 (53.34)
	P42B28M	NA	50	OU FULL	CS8365C	10	42	 (36)C13  (6)C19	68.9 (1750.06)	2.0 (50.8)	2.1 (53.34)
	P24B14M	NA	60	OU FULL	IEC 60309-460P9	17.3	24	 (12)C13  (12)C19	68.9 (1750.06)	2.0 (50.8)	2.1 (53.34)
	P24B32M	NA	60	OU HALF – 2 sided	IEC 60309-460P9	17.3	24	 (18)C13  (6)C19	36 (914.4)	2.0 (50.8)	4.4 (111.76)
	P48B33M	NA	60	OU FULL – 2 sided	IEC 60309-460P9	17.3	48	 (36)C13  (12)C19	71.7 (1821.18)	2.0 (50.8)	4.4 (111.76)

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BASIC 3-PHASE PDU

	Part Number	Region	Input Current per phase	Form Factor	Input Plug Type	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length In. (mm)	Width In. (mm)	Depth In. (mm)
240/415 VAC, 3-PHASE	P06B37M	INTL	16	1U	IEC 60309-516P6	11	6	 (6)C19	1.6 (40.64)	17.5 (444.5)	2.0 (50.8)
	P06B38M	INTL	32	1U	IEC 60309-532P6	22	6	 (6)C19	1.7 (43.18)	17.5 (444.5)	7.8 (198.12)
	P30B13M	INTL	16	0U MID	IEC 60309-516P6	11	30	 (24)C13  (6)C19	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)
	P42B44M	INTL	16	0U MID	IEC 60309-516P6	11	42	 (36)C13  (6)C19	58.7 (1490.98)	2.0 (50.8)	2.1 (53.34)
	P24B12M	INTL	32	0U FULL	IEC 60309-532P6	22	24	 (12)C13  (12)C19	68.9 (1750.06)	2.0 (50.8)	2.1 (53.34)
	P42B11M	INTL	32	0U FULL	IEC 60309-532P6	22	42	 (30)C13  (12)C19	68.9 (1750.06)	2.2 (55.88)	2.1 (53.34)
	P48B45M	INTL	32	0U FULL - 2 sided	IEC 60309-532P6	22	48	 (36)C13  (12)C19	71.7 (1821.18)	2.0 (50.8)	4.4 (111.76)
415 VAC, 3-PHASE	P06B01M	NA	30	1U	IEC 60309 3P+N+E 6h 30A (IP67)	17.3	6	 (6)C19	1.7 (43.18)	17.5 (444.5)	10.6 (269.24)
	P06B05M	NA	30	1U	IEC 60309 3P+N+E 6h 30A (IP44)	17.3	6	 (6)C19	1.7 (43.18)	17.5 (444.5)	10.6 (269.24)
	P06B04M	NA	30	1U	NEMA L22-30P	17.3	6	 (6)C19	1.7 (43.18)	17.5 (444.5)	10.6 (269.24)
	P24B01M	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	17.3	24	 (12)C13  (12)C19	68.9 (1750.06)	2.0 (50.8)	2.1 (53.34)
	P24B03M	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP44)	17.3	24	 (12)C13  (12)C19	68.9 (1750.06)	2.0 (50.8)	2.1 (53.34)
	P24B02M	NA	30	0U FULL	NEMA L22-30P	17.3	24	 (12)C13  (12)C19	68.9 (1750.06)	2.0 (50.8)	2.1 (53.34)
	P36B01M	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	17.3	36	 (24)C13  (12)C19	68.9 (1750.06)	2.0 (50.8)	2.1 (53.34)
	P36B03M	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP44)	17.3	36	 (24)C13  (12)C19	68.9 (1750.06)	2.0 (50.8)	2.1 (53.34)
	P36B02M	NA	30	0U FULL	NEMA L22-30P	17.3	36	 (24)C13  (12)C19	68.9 (1750.06)	2.0 (50.8)	2.1 (53.34)
	P48B03M	NA	30	0U FULL - Wide	NEMA L22-30P	17.3	48	 (48)C13	68.9 (1750.06)	3.3 (83.82)	2.1 (53.34)
	P48B04M	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP67)	17.3	48	 (48)C13	68.9 (1750.06)	3.3 (83.82)	2.1 (53.34)
	P48B08M	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP44)	17.3	48	 (48)C13	68.9 (1750.06)	3.3 (83.82)	2.1 (53.34)
	P54B01M	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP67)	17.3	54	 (48)C13  (6)C19	68.9 (1750.06)	3.3 (83.82)	2.1 (53.34)
	P54B02M	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP44)	17.3	54	 (48)C13  (6)C19	68.9 (1750.06)	3.3 (83.82)	2.1 (53.34)
	P54B03M	NA	30	0U FULL - Wide	NEMA L22-30P	17.3	54	 (48)C13  (6)C19	68.9 (1750.06)	3.3 (83.82)	2.1 (53.34)



For more information and support, visit www.panduit.com/pdu

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