SmartZone™ G5 Intelligent Power Distribution Units (iPDUs)

PANDUIT™

SPECIFICATION SHEET

overview

The Panduit® SmartZone™ G5 iPDU is more than a power distribution unit and energy meter. These iPDUs monitor the data center power and environment (at the rack or cabinet level), by continuously scanning for electrical circuit overloads, and physical environmental conditions that place critical IT equipment at risk. Panduit's iPDUs provide comprehensive, accurate, energy measurement data to efficiently use power resources, make informed capacity planning decisions, improve uptime, measure PUE (power usage effectiveness), and drive green data center initiatives to save energy and money.

Making the right choice in IT equipment is essential for a safe, efficient data center operation. Our full range of iPDUs, environmental sensors, and dual locking power cords are the key to fulfilling mission-critical data center needs.



technical information

Dimensions:

	Height Inch (mm)	Width Inch (mm)	Depth Inch (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 HALF (2 sided):	36 (914.4)	2.0 (50.8)	4.4 (111.8)
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 (2 sided):	71.7 (1821.2)	2.0 (50.8)	4.4 (111.8)
0U Full +:	74.6 (1896)	2.0 (50.8)	2.1 (53.3)
0U Full Wide:	68.9 (1750.1)	3.3 (83.8)	2.1 (53.3)
0U Full Wide +:	74.0 (1880)	3.3 (83.8)	2.1 (53.3)

Mounting:

Vertical units provide up to 48 outlets and without encroaching on 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

HotSwappable Controller:	Replace the controller and display module without having to power down the rack
Redundant Network Access:	Specifically designed for Landlord/Tenant (Co-Lo's) allowing for remote access of real-time, vital statistics and operating information on two separate, secure networks.
Hardened Security:	Not only Physical but hardened Digital Security; layers within the firmware LDAP, SNMP v3, TLS, Encrypted Security; allows for Panduit PDUs to pass standard certified security scans.
1GB Ethernet:	The 1G controller is compatible with the new Data Center Network switches being deployed - reducing special network configurations/resources required to support the iPDU.
Plug & Play Sensors:	Digital sensors not only allow for multiple sensors on the same bus; but also identify themselves to the controller to simplify setup & commissioning.
Multi-Color PDUs:	Different color PDUs simplify power feed identification & management. The new Panduit Intelligent PDUs are available in Black, White, Red, Blue, Yellow or Green.
Mobile & Desktop Friendly Web GUI:	The intelligent PDUs feature an enhanced designed web interface which detects the type of device that you are on; and automatically adjusts the screen for an optimal experience.
Outlet Density:	Meets demands of densely packed IT equipment in rack or cabinet space
Form Factor:	Optimal form factor enables efficient rack space utilization
Operating Temperature:	60°C ambient at full load for operational reliability in high temperature areas

(continued pg. 2)

key features and benefits (continued)

Cable Retention:	Innovative cable tie accepting outlets allow for secure cord retention (C13 & C19 only) using a cable tie for added safety and security. (Panduit part number: PLT2I-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
External Chassis Ground:	Meets NEC requirements and installation guidelines for IT equipment
Load Balancing:	Monitored through visual display on oLED (for 3 phase units only)
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
Supported Metering:	Frequency, VA, PF, plus aggregate and per phase Amperage, Voltage, Wattage, and Kilowatts per hour

* Applies to products outfitted with circuit breakers

iPDU product families

MI Series:	Rack PDUs that have the ability for aggregate power monitoring to quickly identify potential power issues, and reclaim available or under-utilized power capacity.
MS Series:	Rack PDUs that have the ability for aggregate power monitoring and outlet level switching capabilities for individual outlets or a group of outlets. Enabling power sequencing, rebooting equipment or restrict unauthorized use of individual outlets.
MPO Series:	Rack PDUs that have the ability for outlet level (and aggregate) power monitoring to quickly identify potential power issues, and reclaim available or under-utilized power capacity at the outlet level enabling the redeployment or decommissioning of individual servers to reclaim available or under-utilized power capacity.
MSPO Series:	Rack PDUs that have the ability for outlet level (and aggregate) power monitoring and outlet level switching capabilities for individual outlets or a group of outlets. Power monitoring at the individual outlet level provides actionable management data on the power consumption of each connected IT device enabling the redeployment or decommissioning of individual servers to reclaim available or under-utilized power capacity. Ideal for remote power reset, and cabinet power on sequencing and restrict unauthorized use of individual outlets.

electrical specifications

Input Voltage	**North America** • Single-Phase 120V • Single-Phase 208V • Three-Phase Delta 208V • Three-Phase Wye 120/208V • Three-Phase Wye 415V	**International models** • Single-Phase 240V • Three-Phase Wye 240/415V
Input Current (per phase)	**North America** • 15A, 20A, 30A, 50A, 60A	**International models** • 16A, 32A
Input Power	**North America** • 1.4 – 17.3 (kVA)	**International models** • 3.7 – 22 (kVA)
Input Frequency	50/60 Hz	
Output Voltage	120 - 240 VAC	
Maximum output current (outlet)	IEC C13: 10A IEC C19: 16A NEMA 5-20R: 16A	
Overload protection (where applicable)	Circuit Breakers, hydraulic magnetic	

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

general specifications

Temperature: Operating	50° to 140° F (10° to 60° C)
Temperature: Storage	-4° to 140° F (-20° to 60° C)
Relative Humidity: Operating	10% to 90% non-condensing
Relative Humidity: Non-Operating	5 to 95% RH
Relative Humidity: Storage	5% to 95%
Elevation: Operating	0 to 10,000 ft. (0 to 3000 m)
Elevation: Storage	0 to 30,000 ft. (0 to 9144 m)
Conformance Standards	North America - UL, CB Test Approved International - CE Approved, EAC Russia Approval
Environmental Compliances	RoHS & REACH

cabinet compatibility

Panduit iPDUs can be easily installed into Panduit (or third party cabinets) by utilizing the installed mounting buttons (18.4 mm diameter). Where necessary, a Small Diameter (14.5 mm) mounting button is available (sold separately, p/n: MA018). Panduit 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.

SmartZone™ G5 Intelligent Power Distribution Units (iPDUs)

Monitored Input - MI Series

	Region	Input Current per phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (inches)	Width (inches)	Depth (inches) at Outlet position	Panduit SKU Part No.
100-240VAC, 1-phase	NA	15	1U	5-15P	0	1.4	8	(8)5-20R	1.7	17.5	10.6	P08D09M
	INTL	16	1U	IEC 60309-316P6	0	3.7	12	(12)C13	1.7	17.5	10.6	P12D36M
	NA	20	1U	5-20P	0	1.9	8	(8)5-20R	1.7	17.5	10.6	P08D10M
	NA	20	1U	L5-20P	0	1.9	8	(8)5-20R	1.7	17.5	10.6	P08D11M
	NA	20	1U	L6-20P	0	3.3	12	(12)C13	1.7	17.5	10.6	P12D13M
	NA	50	1U	CS8265C	3	8.3	6	(6)C19	1.7	17.5	10.6	P06D15M
	NA	30	2U	L5-30P	2	2.9	16	(16)5-20R	3.4	17.5	10.6	P16D12M
	NA	30	2U	L6-30P	2	5.0	16	(12)C13, (4)C19	3.4	17.5	10.6	P16D14M
	INTL	32	2U	IEC 60309-332P6	2	7.4	16	(12)C13, (4)C19	3.4	17.5	10.6	P16D37M
	NA	15	0U HALF	5-15P	0	1.4	16	(16)5-20R	32.2	2.0	2.1	P16D20M
	NA	20	0U HALF	5-20P	0	1.9	16	(16)5-20R	32.2	2.0	2.1	P16D21M
	NA	20	0U HALF	L5-20P	0	1.9	16	(16)5-20R	32.2	2.0	2.1	P16D22M
	INTL	16	0U MID	IEC 60309-316P6	0	3.7	24	(20)C13, (4)C19	58.7	2.0	2.1	P24D40M
	NA	20	0U MID	L6-20P	0	3.3	24	(20)C13, (4)C19	58.7	2.0	2.1	P24D24M
	NA	30	0U MID	L5-30P	2	2.9	24	(24)5-20R	58.7	2.0	2.1	P24D23M
	NA	30	0U MID	L6-30P	2	5.0	24	(20)C13, (4)C19	58.7	2.0	2.1	P24D07M
	INTL	32	0U Mid	IEC 60309-332P6	2	7.4	24	(20)C13, (4)C19	58.7	2.0	2.1	P24D03M
	NA	30	0U FULL	L6-30P	2	5.0	38	(32)C13, (6)C19	68.9	2.0	2.1	P38D25M
	INTL	32	0U FULL	IEC 60309-332P6	2	7.4	34	(28)C13, (6)C19	68.9	2.0	2.1	P34D41M
	INTL	32	0U FULL	IEC 60309-332P6	2	7.4	42	(36)C13, (6)C19	68.9	2.0	2.1	P42D06M
	NA	50	0U FULL	CS8265C	3	8.3	36	(30)C13, (6)C19	68.9	2.0	2.1	P36D26M
208VAC, 3-Phase	NA	30	1U	L15-30P	3	8.6	6	(6)C19	1.7	17.5	10.6	P06D16M
	NA	30	1U	L21-30P	3	8.6	6	(6)C19	1.7	17.5	10.6	P06D17M
	NA	50	1U	CS8365C	6	14.4	6	(6)C19	1.7	17.5	10.6	P06D18M
	NA	60	1U	IEC 60309-460P9	6	17.3	6	(6)C19	1.7	17.5	10.6	P06D19M
	NA	30	0U MID	L15-30P	3	8.6	24	(18)C13, (6)C19	58.7	2.0	2.1	P24D27M
	NA	30	0U MID	L21-30P	3	8.6	24	(18)C13, (6)C19	58.7	2.0	2.1	P24D01M
	NA	30	0U FULL	L21-30P	3	8.6	30	(18)C13, (6)C19, (6)5-20R	68.9	2.0	2.1	P30D02M
	NA	30	0U FULL	L15-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36D08M
	NA	30	0U FULL	L21-30P	3	8.6	38	(30)C13, (6)C19, (2)5-20R	68.9	2.0	2.1	P38D28M
	NA	50	0U FULL	CS8365C	3	10.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36D29M
	NA	50	0U FULL	CS8365C	6	14.4	24	(12)C13, (12)C19	68.9	2.0	2.1	P24D31M
	NA	60	0U FULL	IEC 60309-460P9	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24D34M
	NA	50	0U HALF - 2 sided	CS8365C	6	14.4	24	(18)C13, (6)C19	36.0	2.0	4.4	P24D30M
	NA	60	0U HALF - 2 sided	IEC 60309-460P9	6	17.3	24	(18)C13, (6)C19	36.0	2.0	4.4	P24D33M
	NA	50	0U FULL - 2 sided	CS8365C	6	14.4	48	(36)C13, (12)C19	71.7	2.0	4.4	P48D32M
	NA	60	0U FULL - 2 sided	IEC 60309-460P9	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48D35M
230/415VAC, 3-Phase	INTL	16	1U	IEC 60309-516P6	0	11.0	6	(6)C19	1.7	17.5	10.6	P06D38M
	INTL	32	1U	IEC 60309-532P6	6	22.0	6	(6)C19	1.7	17.5	10.6	P06D39M
	INTL	16	0U MID	IEC 60309-516P6	0	11.0	30	(24)C13, (6)C19	58.7	2.0	2.1	P30D05M
	INTL	16	0U FULL	IEC 60309-516P6	0	11.0	42	(36)C13, (6)C19	68.9	2.0	2.1	P42D42M
	INTL	32	0U FULL	IEC 60309-532P6	6	22.0	24	(12)C13, (12)C19	68.9	2.0	2.1	P24D43M
	INTL	32	0U FULL	IEC 60309-532P6	6	22.0	42	(30)C13, (12)C19	68.9	2.2	2.1	P42D04M
	INTL	32	0U FULL - 2 sided	IEC 60309-532P6	6	22.0	48	(36)C13, (12)C19	71.7	2.0	4.4	P48D44M

(continued pg. 5)

SmartZone™ G5 Intelligent Power Distribution Units (iPDUs)

Monitored Input - MI Series (continued)

	Region	Input Current per phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (inches)	Width (inches)	Depth (inches) at Outlet position	Panduit SKU Part No.
415VAC, 3-Phase	NA	30	1U	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	6	(6)C19	1.7	17.5	10.6	P06D01M
	NA	30	1U	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	6	(6)C19	1.7	17.5	10.6	P06D03M
	NA	30	1U	NEMA L22-30P	6	17.3	6	(6)C19	1.7	17.5	10.6	P06D02M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24D02M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24D05M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24D04M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	36	(24)C13, (12)C19	68.9	2.0	2.1	P36D01M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	36	(24)C13, (12)C19	68.9	2.0	2.1	P36D03M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	36	(24)C13, (12)C19	68.9	2.0	2.1	P36D02M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48D01M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48D07M
	NA	30	0U FULL - 2 sided	NEMA L22-30P	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48D02M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	48	(48)C13	68.9	3.3	2.1	P48D03M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(48)C13	68.9	3.3	2.1	P48D04M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(48)C13	68.9	3.3	2.1	P48D08M
	NA	30	0U FULL +	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	42	(36)C13, (6)C19	74.6	2.0	2.1	P42D05M
	NA	30	0U FULL +	NEMA L22-30P	6	17.3	42	(36)C13, (6)C19	74.6	2.0	2.1	P42D07M
	NA	30	0U FULL +	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	42	(36)C13, (6)C19	74.6	2.0	2.1	P42D08M

Note: MOQ 80 & LT 20 Business Days applies for all 415V PDUs for N. America. All 415V PDUs for N. America include 10 kAIC circuit breakers.

Monitored Switched - MS Series

	Region	Input Current per phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (inches)	Width (inches)	Depth (inches) at Outlet position	Panduit SKU Part No.
100-240VAC, 1-phase	NA	15	1U	5-15P	0	1.4	8	(8)5-20R	1.7	17.5	10.6	P08E14M
	INTL	16	1U	IEC 60309-316P6	0	3.7	8	(8)C13	1.7	17.5	10.6	P08E25M
	NA	20	1U	5-20P	0	1.9	8	(8)5-20R	1.7	17.5	10.6	P08E15M
	NA	20	1U	L5-20P	0	1.9	8	(8)5-20R	1.7	17.5	10.6	P08E16M
	NA	20	1U	L6-20P	0	3.3	8	(8)C13	1.7	17.5	10.6	P08E18M
	INTL	32	1U	IEC 60309-332P6	2	7.4	8	(8)C13	1.7	17.5	10.6	P08E05M
	NA	30	2U	L5-30P	2	2.9	16	(16)5-20R	3.4	17.5	10.6	P16E17M
	NA	30	2U	L6-30P	2	5.0	16	(12)C13, (4)C19	3.4	17.5	10.6	P16E19M
	INTL	32	2U	IEC 60309-332P6	2	7.4	16	(12)C13, (4)C19	3.4	17.5	10.6	P16E26M
	NA	15	0U HALF	5-15P	0	1.4	12	(12)5-20R	36.1	2.0	2.1	P12E20M
	INTL	16	0U HALF	IEC 60309-316P6	0	3.7	16	(12)C13, (4)C19	36.1	2.0	2.1	P16E27M
	NA	20	0U HALF	5-20P	0	1.9	12	(12)5-20R	36.1	2.0	2.1	P12E21M
	NA	20	0U HALF	L5-20P	0	1.9	12	(12)5-20R	36.1	2.0	2.1	P12E22M
	NA	20	0U HALF	L6-20P	0	3.3	16	(12)C13, (4)C19	36.1	2.0	2.1	P16E24M
	INTL	16	0U MID	IEC 60309-316P6	0	3.7	24	(20)C13, (4)C19	58.7	2.0	2.1	P24E04M
	NA	30	0U MID	L5-30P	2	2.9	18	(18)5-20R	58.7	2.0	2.1	P18E23M
	NA	30	0U FULL	L6-30P	2	5.0	24	(20)C13, (4)C19	68.9	2.0	2.1	P24E28M
	NA	30	0U FULL	L6-30P	2	5.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36E33M
	INTL	32	0U FULL	IEC 60309-332P6	2	7.4	24	(20)C13, (4)C19	68.9	2.0	2.1	P24E01M
	INTL	32	0U FULL	IEC 60309-332P6	2	7.4	32	(24)C13, (8)C19	68.9	2.0	2.1	P32E06M
	INTL	32	0U FULL - wide	IEC 60309-332P6	2	7.4	44	(38)C13, (6)C19	68.9	3.3	2.1	P44E07M

SmartZone™ G5 Intelligent Power Distribution Units (iPDUs)

Monitored Switched - MS Series

	Region	Input Current per phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (inches)	Width (inches)	Depth (inches) at Outlet position	Panduit SKU Part No.
208VAC, 3-Phase	NA	30	0U FULL	L15-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E29M
	NA	30	0U FULL	L21-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E30M
	NA	30	0U FULL	L15-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36E34M
	NA	30	0U FULL	L21-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36E35M
	NA	50	0U FULL	CS8365C	6	14.4	24	(12)C13, (12)C19	68.9	2.0	2.1	P24E31M
	NA	50	0U FULL	CS8365C	3	10.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36E12M
	NA	60	0U FULL	IEC 60309-460P9	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24E32M
	NA	60	0U FULL - 2 sided	IEC 60309-460P9	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48E13M
230/415VAC, 3-Phase	INTL	16	0U FULL	IEC 60309-516P6	0	11.0	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E02M
	INTL	16	0U FULL	IEC 60309-516P6	0	11.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36E08M
	INTL	32	0U FULL	IEC 60309-532P6	6	22.0	24	(12)C13, (12)C19	68.9	2.0	2.1	P24E03M
	INTL	32	0U FULL - wide	IEC 60309-532P6	6	22.0	36	(24)C13, (12)C19	68.9	3.3	2.1	P36E09M
	INTL	32	0U FULL - 2 sided	IEC 60309-532P6	6	22.0	48	(36)C13, (12)C19	71.7	2.0	4.4	P48E10M
415VAC, 3-Phase	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24E05M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E07M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24E08M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24E09M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E10M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24E11M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24E06M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24E12M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(24)C13	68.9	2.0	2.1	P24E13M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36E01M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36E03M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36E04M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36E05M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36E02M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36E06M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48E01M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(48)C13	71.7	2.0	4.4	P48E07M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48E08M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(48)C13	71.7	2.0	4.4	P48E09M
	NA	30	0U FULL - 2 sided	NEMA L22-30P	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48E02M
	NA	30	0U FULL - 2 sided	NEMA L22-30P	6	17.3	48	(48)C13	71.7	2.0	4.4	P48E14M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(48)C13	74.0	3.3	2.1	P48E04M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48E03M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48E11M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48E05M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48E06M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48E12M

Note: MOQ 80 & LT 20 Business Days applies for all 415V PDUs for N. America. All 415V PDUs for N. America feature 10 kAIC circuit breakers.

SmartZone™ G5 Intelligent Power Distribution Units (iPDUs)

Monitored Per Outlet - MPO Series

	Region	Input Current per phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (inches)	Width (inches)	Depth (inches) at Outlet position	Panduit SKU Part No.
100-240VAC, 1-phase	NA	30	0U FULL	NEMA L6-30P	2	5.0	24	(20)C13, (4)C19	68.9	2.0	2.1	P24F01M
	NA	30	0U FULL	NEMA L6-30P	2	5.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36F15M
	INTL	32	0U FULL	IEC 60309-332P6	2	7.4	24	(20)C13, (4)C19	68.9	2.0	2.1	P24F06M
	INTL	32	0U FULL	IEC 60309-332P6	2	7.4	32	(24)C13, (8)C19	68.9	2.0	2.1	P32F10M
	INTL	32	0U FULL - wide	IEC 60309-332P6	2	7.4	44	(38)C13, (6)C19	68.9	3.3	2.1	P44F11M
208VAC, 3-Phase	NA	30	0U FULL	NEMA L15-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24F02M
	NA	30	0U FULL	NEMA L21-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24F03M
	NA	30	0U FULL	NEMA L15-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36F16M
	NA	30	0U FULL	NEMA L21-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36F17M
	NA	50	0U FULL	Hubbell CS8365C	6	14.4	24	(12)C13, (12)C19	68.9	2.0	2.1	P24F04M
	NA	50	0U FULL	Hubbell CS8365C	3	10.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36F18M
	NA	60	0U FULL	IEC 60309-460P9	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24F05M
	NA	60	0U FULL - 2 sided	IEC 60309-460P9	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48F19M
230/415VAC, 3-Phase	INTL	16	0U FULL	IEC 60309-516P6	0	11.0	24	(18)C13, (6)C19	68.9	2.0	2.1	P24F07M
	INTL	16	0U FULL	IEC 60309-516P6	0	11.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36F12M
	INTL	32	0U FULL	IEC 60309-532P6	6	22.0	24	(12)C13, (12)C19	68.9	2.0	2.1	P24F08M
	INTL	32	0U FULL - wide	IEC 60309-532P6	6	22.0	36	(24)C13, (12)C19	68.9	3.3	2.1	P36F13M
	INTL	32	0U FULL - 2 sided	IEC 60309-532P6	6	22.0	48	(36)C13, (12)C19	71.7	2.0	4.4	P48F09M
415VAC, 3-Phase	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24F09M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24F11M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24F12M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24F13M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24F14M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24F15M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24F10M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24F16M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(24)C13	68.9	2.0	2.1	P24F17M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36F01M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36F03M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36F04M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36F05M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36F02M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36F06M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48F01M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(48)C13	71.7	2.0	4.4	P48F07M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48F08M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(48)C13	71.7	2.0	4.4	P48F13M
	NA	30	0U FULL - 2 sided	NEMA L22-30P	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48F02M
	NA	30	0U FULL - 2 sided	NEMA L22-30P	6	17.3	48	(48)C13	71.7	2.0	4.4	P48F10M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(48)C13	74.0	3.3	2.1	P48F04M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48F03M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48F11M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48F05M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48F06M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48F12M

Note: MOQ 80 & LT 20 Business Days applies for all 415V PDUs for N. America. All 415V PDUs for N. America feature 10 kAIC circuit breakers.

SmartZone™ G5 Intelligent Power Distribution Units (iPDUs)

Monitored Switched Per Outlet - MSPO Series

	Region	Input Current per phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (inches)	Width (inches)	Depth (inches) at Outlet position	Panduit SKU Part No.
100-240VAC, 1-phase	INTL	16	1U	IEC 60309-316P6	0	3.7	8	(8)C13	1.7	17.5	10.6	P08G10M
	INTL	32	1U	IEC 60309-332P6	2	7.4	8	(8)C13	1.7	17.5	10.6	P08G12M
	INTL	16	0U Mid	IEC 60309-316P6	0	3.7	24	(20)C13, (4)C19	58.7	2.0	2.1	P24G11M
	NA	30	0U FULL	L6-30P	2	5.0	24	(20)C13, (4)C19	68.9	2.0	2.1	P24G01M
	NA	30	0U FULL	L6-30P	2	5.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36G18M
	INTL	32	0U FULL	IEC 60309-332P6	2	7.4	24	(20)C13, (4)C19	68.9	2.0	2.1	P24G06M
	INTL	32	0U FULL	IEC 60309-332P6	2	7.4	32	(24)C13, (8)C19	68.9	2.0	2.1	P32G13M
	INTL	32	0U FULL - wide	IEC 60309-332P6	2	7.4	44	(38)C13, (6)C19	68.9	3.3	2.1	P44G14M
208VAC, 3-Phase	NA	30	0U FULL	L15-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24G02M
	NA	30	0U FULL	L21-30P	3	8.6	24	(18)C13, (6)C19	68.9	2.0	2.1	P24G03M
	NA	30	0U FULL	L15-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36G22M
	NA	30	0U FULL	L21-30P	3	8.6	36	(30)C13, (6)C19	68.9	2.0	2.1	P36G19M
	NA	50	0U FULL	CS8365C	6	14.4	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G04M
	NA	50	0U FULL	CS8365C	3	10.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36G20M
	NA	60	0U FULL	IEC 60309-460P9	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G05M
	NA	60	0U FULL - 2 sided	IEC 60309-460P9	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48G21M
230/415VAC, 3-Phase	INTL	16	0U FULL	IEC 60309-516P6	0	11.0	24	(18)C13, (6)C19	68.9	2.0	2.1	P24G07M
	INTL	16	0U FULL	IEC 60309-516P6	0	11.0	36	(30)C13, (6)C19	68.9	2.0	2.1	P36G15M
	INTL	32	0U FULL	IEC 60309-532P6	6	22.0	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G08M
	INTL	32	0U FULL - wide	IEC 60309-532P6	6	22.0	36	(24)C13, (12)C19	68.9	3.3	2.1	P36G16M
	INTL	32	0U FULL - 2 sided	IEC 60309-532P6	6	22.0	48	(36)C13, (12)C19	71.7	2.0	4.4	P48G09M
415VAC, 3-Phase	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G09M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24G13M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24G14M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G15M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24G16M
	NA	30	0U FULL	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	24	(24)C13	68.9	2.0	2.1	P24G17M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(12)C13, (12)C19	68.9	2.0	2.1	P24G10M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(18)C13, (6)C19	68.9	2.0	2.1	P24G18M
	NA	30	0U FULL	NEMA L22-30P	6	17.3	24	(24)C13	68.9	2.0	2.1	P24G19M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36G01M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36G03M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36G04M
	NA	30	0U FULL - Wide	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36G05M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	36	(24)C13, (12)C19	68.9	3.3	2.1	P36G02M
	NA	30	0U FULL - Wide	NEMA L22-30P	6	17.3	36	(30)C13, (6)C19	68.9	3.3	2.1	P36G06M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48G01M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(48)C13	71.7	2.0	4.4	P48G07M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48G08M
	NA	30	0U FULL - 2 sided	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(48)C13	71.7	2.0	4.4	P48G10M
	NA	30	0U FULL - 2 sided	NEMA L22-30P	6	17.3	48	(36)C13, (12)C19	71.7	2.0	4.4	P48G02M

(continued pg. 9)

Monitored Switched Per Outlet - MSPO Series (continued)

	Region	Input Current per phase	Form Factor	Input Plug Type	Circuit Breakers	Apparent Power (kVA)	Outlet Count	Outlet Configuration	Length (inches)	Width (inches)	Depth (inches) at Outlet position	Panduit SKU Part No.
415VAC, 3-Phase	NA	30	0U FULL - 2 sided	NEMA L22-30P	6	17.3	48	(48)C13	71.7	2.0	4.4	P48G11M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48G03M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(48)C13	74.0	3.3	2.1	P48G04M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP44)	6	17.3	48	(48)C13	74.0	3.3	2.1	P48G12M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48G05M
	NA	30	0U FULL - Wide +	NEMA L22-30P	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48G06M
	NA	30	0U FULL - Wide +	IEC 60309 3P+N+E 6h 30A (IP67)	6	17.3	48	(42)C13, (6)C19	74.0	3.3	2.1	P48G13M

Note: MOQ 80 & LT 20 Business Days applies for all 415V PDUs for N. America. All 415V PDUs for N. America feature 10 kAIC circuit breakers.

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