

# SmartZone™ G5 Intelligent Power Distribution Units (iPDUs)

## 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

| <b>Dimensions:</b> | 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

|   |  |
|---|--|
| <b>HotSwappable Controller:</b>               | Replace the controller and display module without having to power down the rack  |
| <b>Redundant Network Access:</b>              | 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.              |
| <b>Hardened Security:</b>                     | 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. |
| <b>1GB Ethernet:</b>                          | The 1G controller is compatible with the new Data Center Network switches being deployed - reducing special network configurations/resources required to support the iPDU.             |
| <b>Plug &amp; Play Sensors:</b>               | Digital sensors not only allow for multiple sensors on the same bus; but also identify themselves to the controller to simplify setup & commissioning.                                 |
| <b>Multi-Color PDUs:</b>                      | Different color PDUs simplify power feed identification & management. The new Panduit Intelligent PDUs are available in Black, White, Red, Blue, Yellow or Green.                      |
| <b>Mobile &amp; Desktop Friendly Web GUI:</b> | 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.      |
| <b>Outlet Density:</b>                        | Meets demands of densely packed IT equipment in rack or cabinet space  |
| <b>Form Factor:</b>                           | Optimal form factor enables efficient rack space utilization   |
| <b>Operating Temperature:</b>                 | 60°C ambient at full load for operational reliability in high temperature areas  |

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# SmartZone™ G5 Intelligent Power Distribution Units (iPDUs)

## key features and benefits (continued)

|                                     |   |
|-------------------------------------|---|
| <b>Cable Retention:</b>             | 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)  |
| <b>Circuit Breakers:</b>            | Protects data center equipment for increased reliability by interrupting potentially hazardous circuit over-current conditions*   |
| <b>Color Coded Circuits*:</b>       | Easily identify phase to outlet banks to aid in fault isolation or load balancing   |
| <b>External Chassis Ground:</b>     | Meets NEC requirements and installation guidelines for IT equipment   |
| <b>Load Balancing:</b>              | Monitored through visual display on oLED (for 3 phase units only)   |
| <b>Multiple Input Plug Options:</b> | A full breadth offering to seamlessly interoperate with existing building power wiring schemes  |
| <b>Multiple Mounting Options:</b>   | Enables simple out of the box commissioning and flexibility with Panduit cabinets and industry standard mounting features enabling installation into third party cabinets |
| <b>Mounting Buttons:</b>            | Allows tool-less mounting of rack PDUs for faster installations on vertical 0U units  |
| <b>Supported Metering:</b>          | 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

|                     |   |
|---------------------|---|
| <b>MI Series:</b>   | Rack PDUs that have the ability for aggregate power monitoring to quickly identify potential power issues, and reclaim available or under-utilized power capacity.  |
| <b>MS Series:</b>   | 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.   |
| <b>MPO Series:</b>  | 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.  |
| <b>MSPO Series:</b> | 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

|   |  |
|---|--|
| <b>Input Voltage</b>                          | <b>North America</b> <ul style="list-style-type: none"><li>• Single-Phase 120V</li><li>• Single-Phase 208V</li><li>• Three-Phase Delta 208V</li><li>• Three-Phase Wye 120/208V</li><li>• Three-Phase Wye 415V</li></ul> <b>International models</b> <ul style="list-style-type: none"><li>• Single-Phase 240V</li><li>• Three-Phase Wye 240/415V</li></ul> |
| <b>Input Current (per phase)</b>              | <b>North America</b> <ul style="list-style-type: none"><li>• 15A, 20A, 30A, 50A, 60A</li></ul> <b>International models</b> <ul style="list-style-type: none"><li>• 16A, 32A</li></ul>  |
| <b>Input Power</b>                            | <b>North America</b> <ul style="list-style-type: none"><li>• 1.4 – 17.3 (kVA)</li></ul> <b>International models</b> <ul style="list-style-type: none"><li>• 3.7 – 22 (kVA)</li></ul>   |
| <b>Input Frequency</b>                        | 50/60 Hz   |
| <b>Output Voltage</b>                         | 120 - 240 VAC  |
| <b>Maximum output current (outlet)</b>        | IEC C13: 10A<br>IEC C19: 16A<br>NEMA 5-20R: 16A  |
| <b>Overload protection (where applicable)</b> | Circuit Breakers, hydraulic magnetic   |

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

# SmartZone™ G5 Intelligent Power Distribution Units (iPDUs)

## general specifications

|   |  |
|---|--|
| <b>Temperature: Operating</b>           | 50° to 140° F (10° to 60° C)   |
| <b>Temperature: Storage</b>             | -4° to 140° F (-20° to 60° C)  |
| <b>Relative Humidity: Operating</b>     | 10% to 90% non-condensing  |
| <b>Relative Humidity: Non-Operating</b> | 5 to 95% RH  |
| <b>Relative Humidity: Storage</b>       | 5% to 95%  |
| <b>Elevation: Operating</b>             | 0 to 10,000 ft. (0 to 3000 m)  |
| <b>Elevation: Storage</b>               | 0 to 30,000 ft. (0 to 9144 m)  |
| <b>Conformance Standards</b>            | North America - UL, CB Test Approved<br>International - CE Approved, EAC Russia Approval |
| <b>Environmental Compliances</b>        | 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)5-20R,  (6)C19 | 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              |

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# 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                      | OU FULL           | L15-30P                        | 3                | 8.6                  | 24           | (18)C13,  (6)C19     | 68.9            | 2.0            | 2.1                               | P24E29M              |
|                     | NA     | 30                      | OU FULL           | L21-30P                        | 3                | 8.6                  | 24           | (18)C13,  (6)C19     | 68.9            | 2.0            | 2.1                               | P24E30M              |
|                     | NA     | 30                      | OU FULL           | L15-30P                        | 3                | 8.6                  | 36           | (30)C13,  (6)C19     | 68.9            | 2.0            | 2.1                               | P36E34M              |
|                     | NA     | 30                      | OU FULL           | L21-30P                        | 3                | 8.6                  | 36           | (30)C13,  (6)C19     | 68.9            | 2.0            | 2.1                               | P36E35M              |
|                     | NA     | 50                      | OU FULL           | CS8365C                        | 6                | 14.4                 | 24           | (12)C13,  (12)C19    | 68.9            | 2.0            | 2.1                               | P24E31M              |
|                     | NA     | 50                      | OU FULL           | CS8365C                        | 3                | 10.0                 | 36           | (30)C13,  (6)C19     | 68.9            | 2.0            | 2.1                               | P36E12M              |
|                     | NA     | 60                      | OU FULL           | IEC 60309-460P9                | 6                | 17.3                 | 24           | (12)C13,  (12)C19    | 68.9            | 2.0            | 2.1                               | P24E32M              |
|                     | NA     | 60                      | OU 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                      | OU FULL           | IEC 60309-516P6                | 0                | 11.0                 | 24           | (18)C13,  (6)C19     | 68.9            | 2.0            | 2.1                               | P24E02M              |
|                     | INTL   | 16                      | OU FULL           | IEC 60309-516P6                | 0                | 11.0                 | 36           | (30)C13,  (6)C19     | 68.9            | 2.0            | 2.1                               | P36E08M              |
|                     | INTL   | 32                      | OU FULL           | IEC 60309-532P6                | 6                | 22.0                 | 24           | (12)C13,  (12)C19    | 68.9            | 2.0            | 2.1                               | P24E03M              |
|                     | INTL   | 32                      | OU FULL - wide    | IEC 60309-532P6                | 6                | 22.0                 | 36           | (24)C13,  (12)C19    | 68.9            | 3.3            | 2.1                               | P36E09M              |
|                     | INTL   | 32                      | OU 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                      | OU 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                      | OU 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                      | OU FULL           | IEC 60309 3P+N+E 6h 30A (IP67) | 6                | 17.3                 | 24           | (24)C13              | 68.9            | 2.0            | 2.1                               | P24E08M              |
|                     | NA     | 30                      | OU 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                      | OU 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                      | OU FULL           | IEC 60309 3P+N+E 6h 30A (IP44) | 6                | 17.3                 | 24           | (24)C13              | 68.9            | 2.0            | 2.1                               | P24E11M              |
|                     | NA     | 30                      | OU FULL           | NEMA L22-30P                   | 6                | 17.3                 | 24           | (12)C13,  (12)C19    | 68.9            | 2.0            | 2.1                               | P24E06M              |
|                     | NA     | 30                      | OU FULL           | NEMA L22-30P                   | 6                | 17.3                 | 24           | (18)C13,  (6)C19     | 68.9            | 2.0            | 2.1                               | P24E12M              |
|                     | NA     | 30                      | OU FULL           | NEMA L22-30P                   | 6                | 17.3                 | 24           | (24)C13              | 68.9            | 2.0            | 2.1                               | P24E13M              |
|                     | NA     | 30                      | OU 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                      | OU 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                      | OU 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                      | OU 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                      | OU FULL - Wide    | NEMA L22-30P                   | 6                | 17.3                 | 36           | (24)C13,  (12)C19    | 68.9            | 3.3            | 2.1                               | P36E02M              |
|                     | NA     | 30                      | OU FULL - Wide    | NEMA L22-30P                   | 6                | 17.3                 | 36           | (30)C13,  (6)C19     | 68.9            | 3.3            | 2.1                               | P36E06M              |
|                     | NA     | 30                      | OU 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                      | OU 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                      | OU 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                      | OU 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                      | OU FULL - 2 sided | NEMA L22-30P                   | 6                | 17.3                 | 48           | (36)C13,  (12)C19    | 71.7            | 2.0            | 4.4                               | P48E02M              |
|                     | NA     | 30                      | OU FULL - 2 sided | NEMA L22-30P                   | 6                | 17.3                 | 48           | (48)C13              | 71.7            | 2.0            | 4.4                               | P48E14M              |
|                     | NA     | 30                      | OU FULL - Wide +  | NEMA L22-30P                   | 6                | 17.3                 | 48           | (48)C13              | 74.0            | 3.3            | 2.1                               | P48E04M              |
|                     | NA     | 30                      | OU 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                      | OU 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                      | OU 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                      | OU FULL - Wide +  | NEMA L22-30P                   | 6                | 17.3                 | 48           | (42)C13,  (6)C19     | 74.0            | 3.3            | 2.1                               | P48E06M              |
|                     | NA     | 30                      | OU 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              |

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