



Best-in-Class Outlet Density

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Optimal Form Factors

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Superior Reliability

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Smartzone™ G5

# PDU Pocket Guide

JAPAN

**PANDUIT™**

infrastructure for a connected world

# Welcome to the Panduit G5 Series of PDU's and Accessories



## Quality & Reliability

3-Year standard  
and 5-Year extended  
warranty.



## High Temperature

Built with premium  
components to withstand  
140°F (60°C) at full load.



## High Density Power

Unique outlets design  
for high outlet density.



## Hot-Swappable & Upgradable

Hot-Swappable  
Controller with large  
OLED display.



## Hardened Security

Enhanced security  
with certificate-based  
advanced asymmetric  
encryption, validated and  
hardened with multiple  
security scanning tools.



## 1GB On Board Ethernet Connection

Reduces deployment  
time and labor as PDU  
auto negotiates to 1GB  
network switches.



## Real-Time Monitor

Real-time Monitoring of  
Power, Environmental &  
Cabinet Security.



## Plug & Play Accessories

Variety Environmental &  
Cabinet Access Control  
Accessories.



## Multi-Device WebGUI

Enhanced User-  
Experience with a self  
adjusting WebGUI that  
senses the device you  
are on.



## Multi-Color

A variety of colored  
PDU chassis, power  
cords, and cable ties.

# Product Families

## **Monitored Input (MI Series)**

Input power monitoring.

## **Monitored Switched (MS Series)**

Input power monitoring and outlet switching.

## **Monitored Per Outlet (MPO Series)**

Input and Outlet level power monitoring.

## **Monitored & Switched Per Outlet (MSP0 Series)**

Input and Outlet level power monitoring and outlet switching.

**Note:** All intelligent PDU's include environmental monitoring with rack access control.

## **Basic PDU's**

Reliable power distribution (non-network).

## **Accessories**

Offering a variety of Environmental Sensors; Security Devices and Power Cords.

# G5 iPDU

**Low Profile Design**  
saves rack space  
Increase airflow

**High Density**  
Best-in-Class outlet  
density to match the  
increased density of  
rack IT equipment

**Hot-Swappable  
Network Module**  
with Power Share



**Power and Energy  
Metering**  
+/- 1% billing-grade  
accuracy

**High Operating  
Temperature**  
140°F (60°C) with  
Full Load Rating



**Daisy-Chain Capabilities**  
Up to 4 PDU's  
and 32 sensors



**1GB Ethernet**  
with Redundant  
Network Access  
(RNA)

**USB Port**  
Firmware Upgrade and  
Automatic Rack Light

**Color Coded Outlets**  
and Circuit Breakers  
for load balancing



**Environmental & Security**  
Advanced SmartZone™ Security  
Handle featuring threshold based  
beacon alerts and 200 users

**Premium Hydraulic-  
Magnetic Circuit Breakers**  
Stable trip characteristics at  
extreme temperatures

**Locking IEC Outlets**  
with Power Cords



Sensors connect to  
SmartZone™ Security Handle

## Monitored Input (MI Series)

	Form Factor	Input Plug Type	Input Voltage Range	Input Current per phase	Circuit Breaker
<b>100-200VAC, 1-Phase</b>	1U	NEMA L5-20P	100VAC	20	0
	1U	NEMA L6-20P	100-200VAC	20	0
	2U	NEMA L5-30P	100VAC	30	2
	2U	NEMA L6-30P	200VAC	30	2
	0U HALF	NEMA L5-20P	100VAC	20	0
	0U MID	NEMA L6-30P	200VAC	30	2
	0U MID	NEMA L5-30P	100VAC	30	2
	0U MID	NEMA L6-20P	100-200VAC	20	0
	0U MID	NEMA L5-30P	100VAC	30	2
	0U FULL	NEMA L6-30P	200VAC	30	2
	0U FULL	NEMA L6-30P	200VAC	30	2
<b>200VAC, 3-Phase</b>	1U	IEC 60309 3P+E 9h 60A (IP44)	200VAC	60	6
	0U FULL	IEC 60309 3P+E 9h 60A (IP44)	200VAC	60	6
	1U	NEMA L15-30P	200VAC	30	3
	0U MID	NEMA L15-30P	200VAC	30	3
	0U FULL	NEMA L15-30P	200VAC	30	3

Apparent Power (kVA)	Outlet Count	Outlet Type	Output Voltage	Panduit Part No.
1.9 kVA	8	(8)5-20R	100	P08DE8M-BL6C
3.3 kVA	12	(12)C13	200	P12DE9M-BL6C
2.9 kVA	16	(16)5-20R	100	P16DF0M-BL6C
5.0 kVA	16	(12)C13, (4)C19	200	P16DF1M-BL6C
1.9 kVA	16	(16)5-20R	100	P16DF2M-BL1C
5.0 kVA	24	(20)C13, (4)C19	200	P24DF3M-BL1C
3.3 kVA	24	(24)5-20R	100	P24DF4M-BL1C
2.9 kVA	24	(20)C13, (4)C19	200	P24DF5M-BL1C
5.0 kVA	24	(24)5-20R	100	P24DG9M-BL1R
5.0 kVA	38	(32)C13, (6)C19	200	P38DF9M-BL1C
	38	(32)C13, (6)C19	200	P38DH0M-BL1R
17.3 kVA	6	(6)C19	200	P06D19M
17.3 kVA	24	(12)C13, (12)C19	200	P24D34M
8.6 kVA	6	(6)C19	200	P06DE6M-BL6C
8.6 kVA	24	(18)C13, C19(6)	200	P24DF6M-BL1C
8.6 kVA	36	(30)C13, (6)C19	200	P36DF8M-BL1C

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## Monitored Input (MI Series)

	Form Factor	Input Plug Type	Input Voltage Range	Input Current per phase	Circuit Breaker
415VAC, 3-Phase	1U	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
	1U	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U FULL	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U MID	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
	0U FULL	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U FULL	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
	1U	NEMA L22-30P	415VAC	30	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide	NEMA L22-30P	415VAC	30	6
	0U FULL +	NEMA L22-30P	415VAC	30	6



<b>Apparent Power (kVA)</b>	<b>Outlet Count</b>	<b>Outlet Type</b>	<b>Output Voltage</b>	<b>Panduit Part No.</b>
11.0 kVA	6	(6)C19	240	P06D38M
22.0 kVA	6	(6)C19	240	P06D39M
22.0 kVA	24	(12)C13, (12)C19	240	P24D43M
11.0 kVA	30	(24)C13, (6)C19	240	P30D05M
22.0 kVA	42	(30)C13, (12)C19	240	P42D04M
11.0 kVA	42	(36)C13, (6)C19	240	P42D42M
17.3 kVA	6	(6)C19	240	P06D02M
17.3 kVA	24	(12)C13, (12)C19	240	P24D04M
17.3 kVA	36	(24)C13, (12)C19	240	P36D02M
17.3 kVA	48	(48)C13	240	P48D03M
17.3 kVA	42	(36)C13, (6)C19	240	P42D07M

## Monitored Per Outlet (MPO Series)

	Form Factor	Input Plug Type	Input Voltage Range	Input Current per phase	Circuit Breaker
<b>200VAC, 1-Phase</b>	0U FULL	NEMA L6-30P	200VAC	30	2
	0U FULL	NEMA L6-30P	200VAC	30	2
<b>200VAC, 3-Phase</b>	0U FULL	IEC 60309 3P+E 9h 60A (IP44)	200VAC	60	6
	0U FULL	NEMA L15-30P	200VAC	30	3
	0U FULL	NEMA L15-30P	200VAC	30	3
	0U FULL	NEMA L15-30P	200VAC	30	3
	0U FULL	NEMA L15-30P	200VAC	30	3

<b>Apparent Power (kVA)</b>	<b>Outlet Count</b>	<b>Outlet Type</b>	<b>Output Voltage</b>	<b>Panduit Part No.</b>
5.0 kVA	24	(20)C13, (4)C19	200	P24FC0M-BL1C
5.0 kVA	36	(30)C13, (6)C19	200	P36FC3M-BL1C
17.3 kVA	24	(12)C13, (12)C19	200	P24F05M
8.6 kVA	24	(18)C13, (6)C19	200	P24FC1M-BL1C
8.6 kVA	36	(30)C13, (6)C19	200	P36FC5M-BL1C
8.6 kVA	36	(30)C13, (6)C19	200	P36FC9M-BL1B
8.6 kVA	36	(30)C13, (6)C19	200	P36FC9M-YL1B

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## Monitored Per Outlet (MPO Series)

	Form Factor	Input Plug Type	Input Voltage Range	Input Current per phase	Circuit Breaker
415VAC, 3-Phase	0U FULL	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
	0U FULL	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U FULL	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
	0U FULL - Wide	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide	NEMA L22-30P	415VAC	30	6

Apparent Power (kVA)	Outlet Count	Outlet Type	Output Voltage	Panduit Part No.
11.0 kVA	24	(18)C13, (6)C19	240	P24F07M
22.0 kVA	24	(12)C13, (12)C19	240	P24F08M
11.0 kVA	36	(30)C13, (6)C19	240	P36F12M
22.0 kVA	36	(24)C13, (12)C19	240	P36F13M
17.3 kVA	24	(12)C13, (12)C19	240	P24F10M
17.3 kVA	24	(18)C13, (6)C19	240	P24F16M
17.3 kVA	24	(24)C13	240	P24F17M
17.3 kVA	36	(24)C13, (12)C19	240	P36F02M
17.3 kVA	36	(30)C13, (6)C19	240	P36F06M
17.3 kVA	48	(48)C13	240	P48F04M
17.3 kVA	48	(42)C13, (6)C19	240	P48F06M

## Monitored Switched (MS Series)

	Form Factor	Input Plug Type	Input Voltage Range	Input Current per phase	Circuit Breaker
200VAC, 3-Phase	0U FULL	IEC 60309 3P+E 9h 60A (IP44)	200VAC	60	6
415VAC, 3-Phase	0U FULL	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
	0U FULL	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U FULL	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
	0U FULL - Wide	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide +	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide +	NEMA L22-30P	415VAC	30	6

Apparent Power (kVA)	Outlet Count	Outlet Type	Output Voltage	Panduit Part No.
17.3 kVA	24	(12)C13, (12)C19	200	P24E32M
11.0 kVA	24	(18)C13, (6)C19	240	P24E02M
22.0 kVA	24	(12)C13, (12)C19	240	P24E03M
11.0 kVA	36	(30)C13, (6)C19	240	P36E08M
22.0 kVA	36	(24)C13, (12)C19	240	P36E09M
17.3 kVA	24	(12)C13, (12)C19	240	P24E06M
17.3 kVA	24	(18)C13, (6)C19	240	P24E12M
17.3 kVA	24	(24)C13	240	P24E13M
17.3 kVA	36	(24)C13, (12)C19	240	P36E02M
17.3 kVA	36	(30)C13, (6)C19	240	P36E06M
17.3 kVA	48	(48)C13	240	P48E04M
17.3 kVA	48	(42)C13, (6)C19	240	P48E06M

# Monitored & Switched Per Outlet (MSPO Series)

	Form Factor	Input Plug Type	Input Voltage Range	Input Current per phase	Circuit Breaker
200VAC, 3-Phase	0U FULL	IEC 60309 3P+E 9h 60A (IP44)	200VAC	60	6
	0U FULL	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
415VAC, 3-Phase	0U FULL	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U FULL	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
	0U FULL - Wide	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide +	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide +	NEMA L22-30P	415VAC	30	6



Apparent Power (kVA)	Outlet Count	Outlet Type	Output Voltage	Panduit Part No.
17.3 kVA	24	(12)C13, (12)C19	200	P24G05M
11.0 kVA	24	(18)C13, (6)C19	240	P24G07M
22.0 kVA	24	(12)C13, (12)C19	240	P24G08M
11.0 kVA	36	(30)C13, (6)C19	240	P36G15M
22.0 kVA	36	(24)C13, (12)C19	240	P36G16M
17.3 kVA	24	(12)C13, (12)C19	240	P24G10M
17.3 kVA	24	(18)C13, (6)C19	240	P24G18M
17.3 kVA	24	(24)C13	240	P24G19M
17.3 kVA	36	(24)C13, (12)C19	240	P36G02M
17.3 kVA	36	(30)C13, (6)C19	240	P36G06M
17.3 kVA	48	(48)C13	240	P48G04M
17.3 kVA	48	(42)C13, (6)C19	240	P48G06M

# Basic PDU

	Form Factor	Input Plug Type	Input Voltage Range	Input Current per phase	Circuit Breaker
100-200VAC, 1-Phase	1U	NEMA L5-20P	100VAC	20	0
	1U	NEMA L6-20P	100-200VAC	20	0
	1U	NEMA L6-30P	200VAC	30	2
	0U HALF	NEMA L5-20P	100VAC	20	0
	2U	NEMA L5-30P	100VAC	30	2
	0U HALF	NEMA L6-30P	200VAC	30	2
	0U HALF	NEMA L5-20P	100VAC	20	0
	0U HALF	NEMA L5-30P	100VAC	30	2
	0U HALF	NEMA L6-20P	100-200VAC	20	0
	0U HALF	NEMA L5-30P	100VAC	30	2
	0U MID	NEMA L6-30P	200VAC	30	2
	0U MID	NEMA L6-30P	200VAC	30	2
	0U MID	NEMA L6-30P	200VAC	30	2
200VAC, 3-Phase	1U	IEC 60309 3P+E 9h 60A (IP44)	200VAC	60	6
	0U FULL	IEC 60309 3P+E 9h 60A (IP44)	200VAC	60	6
	1U	NEMA L15-30P	200VAC	30	3
	0U HALF	NEMA L15-30P	200VAC	30	3
	0U MID	NEMA L15-30P	200VAC	30	3
	0U FULL	NEMA L15-30P	200VAC	30	3

Apparent Power (kVA)	Outlet Count	Outlet Type	Output Voltage	Panduit Part No.
1.9 kVA	12	(12)5-20R	100	P12BF6M-BL6C
3.3 kVA	12	(12)C13	200	P12BF7M-BL6C
5.0 kVA	12	(12)C13	200	P12BF8M-BL6C
1.9 kVA	16	(16)5-20R	100	P16BF9M-BL1C
2.9 kVA	16	(16)5-20R	100	P16BG0M-BL6C
5.0 kVA	20	(20)C13	200	P20BG2M-BL1C
1.9 kVA	22	(20)C13, (2)C19	100	P22BG3M-BL1C
2.9 kVA	22	(22)5-20R	100	P22BG4M-BL1C
3.3 kVA	22	(20)C13, (2)C19	200	P22BG5M-BL1C
2.9 kVA	22	(22)5-20R	100	P22BH9M-BL1R
5.0 kVA	24	(20)C13, (4)C19	200	P24BG7M-BL1C
5.0 kVA	42	(36)C13, (6)C19	200	P42BH0M-BL1C
5.0 kVA	42	(36)C13, (6)C19	200	P42BJ0M-BL1R
17.3 kVA	6	(6)C19	200	P06B03M
17.3 kVA	24	(12)C13, (12)C19	200	P24B14M
8.6 kVA	6	(6)C19	200	P06BF5M-BL6C
8.6 kVA	18	(18)C13	200	P18BG1M-BL1C
8.6 kVA	36	(30)C13, (6)C19	200	P36BG8M-BL1C
8.6 kVA	42	(36)C13, (6)C19	200	P42BH1M-BL1C

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## Basic PDU

	Form Factor	Input Plug Type	Input Voltage Range	Input Current per phase	Circuit Breaker
415VAC, 3-Phase	1U	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
	1U	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U FULL	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U MID	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
	0U FULL	IEC 60309 3P+N+E 6h 32A (IP44)	415VAC	32	6
	0U MID	IEC 60309 3P+N+E 6h 16A (IP44)	415VAC	16	0
	1U	NEMA L22-30P	415VAC	30	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide	NEMA L22-30P	415VAC	30	6
	0U FULL - Wide	NEMA L22-30P	415VAC	30	6

<b>Apparent Power (kVA)</b>	<b>Outlet Count</b>	<b>Outlet Type</b>	<b>Output Voltage</b>	<b>Panduit Part No.</b>
11.0 kVA	6	(6)C19	240	P06B37M
22.0 kVA	6	(6)C19	240	P06B38M
22.0 kVA	24	(12)C13, (12)C19	240	P24B12M
11.0 kVA	30	(24)C13, (6)C19	240	P30B13M
22.0 kVA	42	(30)C13, (12)C19	240	P42B11M
11.0 kVA	42	(36)C13, (6)C19	240	P42B44M
17.3 kVA	6	(6)C19	240	P06B04M
17.3 kVA	24	(12)C13, (12)C19	240	P24B02M
17.3 kVA	36	(24)C13, (12)C19	240	P36B02M
17.3 kVA	48	(48)C13	240	P48B03M
17.3 kVA	54	(48)C13, (6)C19	240	P54B03M

# Accessories

## Security & Environmental Accessories that connect directly to the G5 iPDU.

Note: A maximum of 8 sensors can be managed by the Panduit™ SmartZone™ G5 PDU Controller. See User Manual for Complete Details.

Description	Dimensions L x W x H (in.)	Length (ft.)	Panduit Part No.
Temperature Sensor	1.73 x 0.83 x 0.43	6.56	EA001
Temperature + Humidity Sensor	1.73 x 0.83 x 0.43	6.56	EB001
3 Temperature + Humidity Sensor	1.73 x 0.83 x 0.43	6.56	EC001
Water - Rope	2.36 x 2.36 x 0.87	6.56	ED001
Water - Spot	2.36 x 2.36 x 0.87	16.40	EE001
3 Sensor Hub	3.35 x 1.26 x 1.06	n/a	EF001
Water - Rope extension	n/a	6.56	EG001
Door Switch (magnetic 2 piece)	1.73 x 0.83 x 0.43 (1.14 x 0.67 x 0.28 for magnet)	3.28	ACA01
Dry Contact Input	1.73 x 0.83 x 0.43	9.84	ACC01
USB Light Strip	15 x 1 x 0.5	5.0	ACD01



EA001



EB001



EC001



ED001



EE001



EF001



EG001



ACA01



ACC01



ACD01

## SmartZone™ Security Handle & Accessories that attach to the handle.

Description	Dimensions L x W x H (in.)	Length (ft.)	Panduit Part No.
SmartZone™ Security Handle with Humidity Sensor and Card Reader	n/a	n/a	ACF05
SmartZone™ Security Handle with Humidity Sensor and Card Reader + Keypad	n/a	n/a	ACF06
SmartZone™ Handle T + Door Sensor	n/a	7.64	ACF10
SmartZone™ Handle 3T + Door Sensor	n/a	9.84	ACF11
SmartZone™ Handle to iPDU Harness	n/a	9.12	ACF20



ACF05



ACF06



ACF10



ACF11



ACF20

Complete Warranty & Compliance information can be found at [www.panduit.com](http://www.panduit.com)  
Customer Service: [cs@panduit.com](mailto:cs@panduit.com) or 800.777.3300  
Technical Support: [techsupport@panduit.com](mailto:techsupport@panduit.com) or 866.405.6654



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PUCB26--SA-ENG 3/2021