



Best-in-Class Outlet Density

Optimal Form Factors

Superior Reliability

Smartzone™ G5

# PDU Pocket Guide

INTERNATIONAL

**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-Colour

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

## **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.



For more information and support visit  
[www.panduit.com/pdu](http://www.panduit.com/pdu)

# 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



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



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



Sensors connect to  
SmartZone™ Security Handle






















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

**Locking IEC Outlets**  
with Power Cords



# Monitored Input (MI Series)























	Input Current per phase	Form Factor	Input Plug Type	Apparent Power (kVA)	Outlet Count
100-240VAC, 1-Phase	16	1U	IEC 60309 2P+E 6h	3.7	12
	16	0U MID	IEC 60309 2P+E 6h	3.7	24
200-240VAC, 1-Phase	32	2U	IEC 60309 2P+E 6h	7.4	16
	32	0U Mid	IEC 60309 2P+E 6h	7.4	24
	32	0U FULL	IEC 60309 2P+E 6h	7.4	34
	32	0U FULL	IEC 60309 2P+E 6h	7.4	42
200-240/346-415 VAC, 3-Phase	16	1U	IEC 60309 3P+N+E 6h	11.0	6
	32	1U	IEC 60309 3P+N+E 6h	22.0	6
	16	0U MID	IEC 60309 3P+N+E 6h	11.0	30
	16	0U FULL	IEC 60309 3P+N+E 6h	11.0	42
	32	0U FULL	IEC 60309 3P+N+E 6h	22.0	24
	32	0U FULL	IEC 60309 3P+N+E 6h	22.0	42

Outlet Type	Length (mm)	Width (mm)	Depth (mm) at Outlet position	Panduit Part No.
 (12)C13	44.0	443.5	269.8	P12D36M
 (20)C13,  (4)C19	1490.0	52.0	53.0	P24D40M
 (12)C13,  (4)C19	87.0	443.5	269.8	P16D37M
 (20)C13,  (4)C19	1490.0	52.0	53.0	P24D03M
 (28)C13,  (6)C19	1750.0	52.0	53.0	P34D41M
 (36)C13,  (6)C19	1750.0	52.0	53.0	P42D06M
 (6)C19	44.0	443.5	269.8	P06D38M
 (6)C19	44.0	443.5	269.8	P06D39M
 (24)C13,  (6)C19	1490.0	52.0	53.0	P30D05M
 (36)C13,  (6)C19	1750.0	52.0	53.0	P42D42M
 (12)C13,  (12)C19	1750.0	52.0	53.0	P24D43M
 (30)C13,  (12)C19	1750.0	52.2	53.0	P42D04M

# Monitored Switched (MS Series)

	Input Current per phase	Form Factor	Input Plug Type	Apparent Power (kVA)	Outlet Count
100-240VAC, 1-Phase	16	1U	IEC 60309 2P+E 6h	3.7	8
	16	0U HALF	IEC 60309 2P+E 6h	3.7	16
	16	0U MID	IEC 60309 2P+E 6h	3.7	24
200-240VAC, 1-Phase	32	1U	IEC 60309 2P+E 6h	7.4	8
	32	2U	IEC 60309 2P+E 6h	7.4	16
	32	0U FULL	IEC 60309 2P+E 6h	7.4	24
	32	0U FULL	IEC 60309 2P+E 6h	7.4	32
	32	0U FULL - wide	IEC 60309 2P+E 6h	7.4	44
200-240/346-415VAC, 3-Phase	16	0U FULL	IEC 60309 3P+N+E 6h	11.0	24
	16	0U FULL	IEC 60309 3P+N+E 6h	11.0	36
	32	0U FULL	IEC 60309 3P+N+E 6h	22.0	24
	32	0U FULL - wide	IEC 60309 3P+N+E 6h	22.0	36



Outlet Type	Length (mm)	Width (mm)	Depth (mm) at Outlet Position	Panduit Part No.
 (8)C13	44.0	443.5	269.8	P08E25M
 (12)C13,  (4)C19	917.0	52.0	53.0	P16E27M
 (20)C13,  (4)C19	1490.0	52.0	53.0	P24E04M
 (8)C13	44.0	443.5	269.8	P08E05M
 (12)C13,  (4)C19	87.0	443.5	269.8	P16E26M
 (20)C13,  (4)C19	1750.0	52.0	53.0	P24E01M
 (24)C13,  (8)C19	1750.0	52.0	53.0	P32E06M
 (38)C13,  (6)C19	1750.0	85.0	53.0	P44E07M
 (18)C13,  (6)C19	1750.0	52.0	53.0	P24E02M
 (30)C13,  (6)C19	1750.0	52.0	53.0	P36E08M
 (12)C13,  (12)C19	1750.0	52.0	53.0	P24E03M
 (24)C13,  (12)C19	1750.0	85.0	53.0	P36E09M

## Monitored Per Outlet (MPO Series)

	Input Current per phase	Form Factor	Input Plug Type	Apparent Power (kVA)	Outlet Count
100-240VAC, 1-Phase	32	0U FULL	IEC 60309 2P+E 6h	7.4	24
	32	0U FULL	IEC 60309 2P+E 6h	7.4	32
415VAC, 3-Phase	16	0U FULL	IEC 60309 3P+N+E 6h	11.0	36
	32	0U FULL	IEC 60309 3P+N+E 6h	22.0	24
	32	0U FULL - wide	IEC 60309 3P+N+E 6h	22.0	36

## Monitored and Switched Per Outlet (MSPO Series)























100-240VAC, 1-Phase	16	1U	IEC 60309 2P+E 6h	3.7	8
	16	0U MID	IEC 60309 2P+E 6h	3.7	24
200-240VAC, 1-Phase	32	1U	IEC 60309 2P+E 6h	7.4	8
	32	0U FULL	IEC 60309 2P+E 6h	7.4	24
	32	0U FULL	IEC 60309 2P+E 6h	7.4	32
	32	0U FULL - wide	IEC 60309 2P+E 6h	7.4	44
200-240/346-415VAC, 3-Phase	16	0U FULL	IEC 60309 3P+N+E 6h	11.0	36
	32	0U FULL	IEC 60309 3P+N+E 6h	22.0	24
	32	0U FULL - wide	IEC 60309 3P+N+E 6h	22.0	36

Outlet Configuration	Length (mm)	Width (mm)	Depth (mm) at Outlet position	Panduit Part No.
☺ (20)C13, ☹ (4)C19	1750.0	52.0	53.0	P24F06M
☺ (24)C13, ☹ (8)C19	1750.0	52.0	53.0	P32F10M
☺ (30)C13, ☹ (6)C19	1750.0	52.0	53.0	P36F12M
☺ (12)C13, ☹ (12)C19	1750.0	52.0	53.0	P24F08M
☺ (24)C13, ☹ (12)C19	1750.0	85.0	53.0	P36F13M

☺ (8)C13	44.0	443.5	269.8	P08G10M
☺ (20)C13, ☹ (4)C19	1490.0	52.0	53.0	P24G11M
☺ (8)C13	44.0	443.5	269.8	P08G12M
☺ (20)C13, ☹ (4)C19	1750.0	52.0	53.0	P24G06M
☺ (24)C13, ☹ (8)C19	1750.0	52.0	53.0	P32G13M
☺ (38)C13, ☹ (6)C19	1750.0	85.0	53.0	P44G14M
☺ (30)C13, ☹ (6)C19	1750.0	52.0	53.0	P36G15M
☺ (12)C13, ☹ (12)C19	1750.0	52.0	53.0	P24G08M
☺ (24)C13, ☹ (12)C19	1750.0	85.0	53.0	P36G16M

# Basic Series

	Input Current per phase	Form Factor	Input Plug Type	Apparent Power (kVA)	Outlet Count
100-240VAC, 1-Phase	16	1U	IEC 60309 2P+E 6h 16A	3.7	12
	16	0U HALF	IEC 60309 2P+E 6h 16A	3.7	22
200-240VAC, 1-Phase	32	1U	IEC 60309 2P+E 6h 32A	7.4	6
	32	1U	IEC 60309 2P+E 6h 32A	7.4	12
	32	0U HALF	IEC 60309 2P+E 6h 32A	7.4	20
	32	0U MID	IEC 60309 2P+E 6h 32A	7.4	30
	32	0U MID	IEC 60309 2P+E 6h 32A	7.4	42
	48	0U MID	IEC 60309 2P+E 6h 63A	11.0	36
200-240/346-415 VAC, 3-Phase	16	1U	IEC 60309 3P+N+E 6h 16A	11.0	6
	32	1U	IEC 60309 3P+N+E 6h 32A	22.0	6
	16	0U MID	IEC 60309 3P+N+E 6h 16A	11.0	42
	16	0U MID	IEC 60309 3P+N+E 6h 16A	11.0	30
	32	0U FULL	IEC 60309 3P+N+E 6h 32A	22.0	24
	32	0U FULL	IEC 60309 3P+N+E 6h 32A	22.0	42

Outlet Type	Length (mm)	Width (mm)	Depth (mm) at Outlet position	Panduit Part No.
 (12)C13	44.0	443.5	269.8	P12B34M
 (20)C13,  (2)C19	917.0	52.0	53.0	P22B39M
 (6)C19	44.0	443.5	269.8	P06B35M
 (12)C13	44.0	443.5	269.8	P12B36M
 (20)C13	917.0	52.0	53.0	P20B40M
 (24)C13,  (6)C19	1490.0	52.0	53.0	P30B06M
 (24)C13,  (6)C19	1490.0	52.0	53.0	P42B42M
 (24)C13,  (6)C19	1490.0	52.0	53.0	P36B43M
 (6)C19	44.0	443.5	269.8	P06B37M
 (6)C19	44.0	443.5	269.8	P06B38M
 (24)C13,  (6)C19	1490.0	52.0	53.0	P42B44M
 (36)C13,  (6)C19	1490.0	52.0	53.0	P30B13M
 (12)C13,  (12)C19	1750.0	52.0	53.0	P24B12M
 (30)C13,  (12)C19	1750.0	52.2	53.0	P42B11M

# 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



# Accessories

## Dual Locking Power Cords (UL, CE, VDE, TUV Approved)

Colour	Description	Ratings	Gauge/Cross Section Area
Red	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>
Red	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>
Red	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>
Red	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>
Blue	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>
Blue	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>
Blue	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>
Blue	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>
Black	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>
Black	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>
Black	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>
Black	Locking Power Cord, IEC C14 to IEC C13	10A/250V	17 AWG/1.0mm <sup>2</sup>



**Length  
(meters)**      **Part  
Number  
(10 pk)**

0.6    LPCA01-X  
 1.2    LPCA02-X  
 1.8    LPCA03-X  
 2.4    LPCA04-X



**C14**



**C13**



0.6    LPCA06-X  
 1.2    LPCA07-X  
 1.8    LPCA08-X  
 2.4    LPCA09-X



**C14**



**C13**



0.6    LPCA11-X  
 1.2    LPCA12-X  
 1.8    LPCA13-X  
 2.4    LPCA14-X



**C14**



**C13**



# Accessories

## Dual Locking Power Cords (UL, CE, VDE, TUV Approved)

Colour	Description	Ratings	Gauge/Cross Section Area
Red	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>
Red	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>
Red	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>
Red	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>
Blue	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>
Blue	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>
Blue	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>
Blue	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>
Black	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>
Black	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>
Black	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>
Black	Locking Power Cord, IEC C20 to IEC C19	16A/250V	15 AWG/1.5mm <sup>2</sup>

**Length  
(meters)**      **Part  
Number  
(10 pk)**

0.6      LPCB01-X

1.2      LPCB02-X

1.8      LPCB03-X

2.4      LPCB04-X



**IEC C20**



**IEC C19**



0.6      LPCB06-X

1.2      LPCB07-X

1.8      LPCB08-X

2.4      LPCB09-X



**IEC C20**



**IEC C19**



0.6      LPCB11-X

1.2      LPCB12-X

1.8      LPCB13-X

2.4      LPCB14-X



**IEC C20**



**IEC C19**



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Complete Warranty & Compliance information can be found at [www.panduit.com](http://www.panduit.com)  
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**PUCB22-SA-UKE**  
replaces PUCB21-SA-UKE  
5/2021