

GIGAMEDIA

SMART BUILDING SOLUTIONS



⚙️ ENERGY MANAGEMENT

⚙️ ENERGY EFFICIENCY

⚙️ SECURITY

INTELLIGENT PDUs

« SMART POWER FOR IT »

Setting the right Power infrastructure in racks is key to tackle IT challenges: **reduce downtime, increase reactivity, guaranteeing security.**

Much more than just a power strip, the IP PDU* provides full control over power distribution through detailed monitoring and control, helping to optimize energy efficiency.

- ▶ Real-time consumption monitoring
- ▶ Remote equipments reboot
- ▶ Safety and failure prevention
- ▶ Energy optimization & reduced environmental footprint
- ▶ Infrastructure standardization

Thanks to the PDU, datacenter operators can ensure high availability, optimize energy usage, and prevent issues before they become critical.

The IP PDU is a key component of reliable, secured and fully managed digital Infrastructures.

**Power Distribution Unit*



The power supply

can be positioned at the front or on the top for maximum flexibility during installation.

Controller "INTELLIGENT Module" (Hot swappable)

PDU network connection for remote management while ensuring the option of local management. Recording makes all electrical data available real time, thanks to SNMP, Modbus or TCP Protocol.



Power supply module (Hot swappable)

Thanks to the controller PoE redundant function, the PDU monitoring & control is uninterrupted.

Hydraulic magnetic circuit breaker*

Combining a magnetic trip and a hydraulic delay function for quick response to short circuits and stable overload management, regardless of ambient temperature.

**Only applies to 32 A configurations*

3 TECHNOLOGIES

BASIC

➡ Reliable energy distribution

- ➕ Neat and clean Power distribution in racks.

METERED

➔ Phase measurement

- Real time measurement and recording of all electrical data*, per phase.
- Analysis, load balancing, and energy optimization.

Helps achieve compliance with legal and regulatory requirements (European Directive on energy efficiency and the EN50600 standard).

MANAGED

- Phase and Outlet measurement
- Individually switchable outlets

- Real time measurement and recording of all electrical data*, per outlet + phase.
- Analysis, load balancing, and energy optimization.
Helps achieve compliance with legal and regulatory requirements (European Directive on energy efficiency and the EN50600 standard).
- IT equipments can be started, switched off or disconnected from the electrical network remotely and safely, ideal for scheduled restarts.
- Prevention from voltage spikes and power ramp-up control through outlet(s) selective activation after a power outage / restoration.

*Current, voltage, reactive, apparent and active power, reactive, apparent and active energy, frequency and power factor

Integrated Web server for remote management of the IP PDU.

1 x RJ45 Port (1 Gbit/s, PoE) network connection & controller powering via Power over Ethernet

1 x RJ45 Port (10 / 100 Mbit/s) network redundancy.

1 x RJ45 Port (PoE output)

1 x RJ45 Port (PoE input)

Cascade port for managing the entire cascade of up to 20 PDUs through a single IP address while keeping the ability to manage each PDU through its individual IP address.

1 x RJ45 for connecting the temperature/humidity sensor (optional).

1 x GPIO Port (input) for connecting environmental equipment (e.g., door contact, leak sensor, etc.).

1 x GPIO Port (output) for connecting signaling equipment (e.g., indicator light, acoustic signal, etc.).

1 x USB-C Port for firmware updates via a USB key and saving configuration data.

1 x Micro SD slot for backing up data (measurement data history).



C19

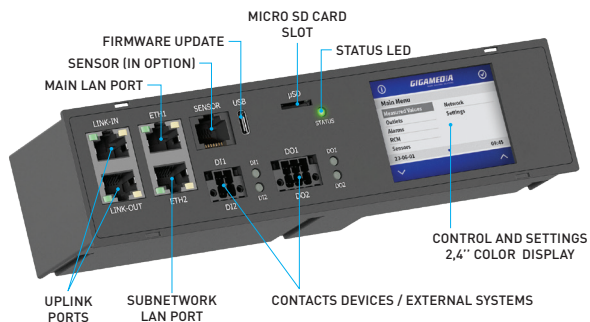


C13 / C19
Maximum flexibility



C13

MEASUREMENT
ACCURACY
.1%



CONTROL AND SETTINGS
2,4" COLOR DISPLAY

POWER

CORDS



Avoid overlengths and rack congestion using rightly sized power cords.

C13 / C14



BLACK



BLUE



RED



GREEN



WHITE



YELLOW

	BLACK	BLUE	RED	GREEN	WHITE	YELLOW
0,5 m	GGM PC131405	GGM PC131405B	GGM PC131405R	GGM PC131405G	GGM PC131405W	GGM PC131405Y
1 m	GGM PC13141	GGM PC13141B	GGM PC13141R	GGM PC13141G	GGM PC13141W	GGM PC13141Y
2 m	GGM PC13142	GGM PC13142B	GGM PC13142R	GGM PC13142G	GGM PC13142W	GGM PC13142Y

C20 / C19



BLACK



BLUE



RED



GREEN



WHITE



YELLOW

	BLACK	BLUE	RED	GREEN	WHITE	YELLOW
0,5 m	GGM PC192005	GGM PC192005B	GGM PC192005R	GGM PC192005G	GGM PC192005W	GGM PC192005Y
1 m	GGM PC19201	GGM PC19201B	GGM PC19201R	GGM PC19201G	GGM PC19201W	GGM PC19201Y
2 m	GGM PC19202	GGM PC19202B	GGM PC19202R	GGM PC19202G	GGM PC19202W	GGM PC19202Y



GGM XPSTH

TEMPERATURE AND HUMIDITY SENSOR

Essential to reliably measure Temperature and humidity at the rack level and monitor operating conditions of IT equipments.

FEATURES

- ▶ Electrical data: 5 VDC 40 mA / 24 VDC 125 mA*
- ▶ Temperature measurement range: -40 °C to +85 °C
- ▶ Air relative humidity measurement range: 0 - 100 % ± 2 % RH (no condensation)
- ▶ Up to 10 sensors can be connected in serie
- ▶ Delivered with 2 m cord
- ▶ Dimensions (L x W x H): 60 mm x 39 mm x 23 mm
- ▶ Rating: IP20

*The power consumption of a sensor is c.a 2.5 mA at a supply voltage of 5 V

In Stock

Main configurations

	INPUT PHASE		INPUT CURRENT		INPUT VOLTAGE	POWER CAPACITY	INPUT CONNECTION	OUTPUT SOCKET				DIMENSION (H x W x D)
	1 PHASE	3 PHASES	16 A	32 A				C13	C19	COMBO	TOTAL	

BASIC

GGM XP1161212C360309BN	X		X		230 V	3.6 kW	IEC60309	12	12	/	24	950 x 45 x 50 mm
GGM XP1321212C360309BN	X			X	230 V	7.2 kW	IEC60309	12	12	/	24	1120 x 45 x 50 mm



METERED

GGM XP116186C360309MN	X		X		230 V	3.6 kW	IEC60309	18	/	6	24	1150 x 56 x 90 mm
GGM XP1321212C360309MN	X			X	230 V	7.2 kW	IEC60309	12	/	12	24	1310 x 56 x 90 mm



MANAGED

GGM XP1162412C360309MAN	X		X		230 V	3.6 kW	IEC60309	24	/	12	36	1500 x 56 x 90 mm
GGM XP1322412C360309MAN	X			X	230 V	7.2 kW	IEC60309	24	/	12	36	1650 x 56 x 90 mm
GGM XP3162418C360309MAN		X	X		400 V	11 kW	IEC60309	24	/	18	42	1720 x 56 x 90 mm
GGM XP332036C360309MAN		X		X	400 V	22 kW	IEC60309	/	/	36	36	1950 x 56 x 90 mm



- ▶ Equipped with 3 m power cable with IEC 60309 plug
Other options available, contact us (different cable lengths, cables without a plug, connection via terminal block...)
- ▶ Operating temperature: -5 °C to +50 °C

- ▶ Supplied with mounting brackets
- ▶ Color: black
- ▶ Compliant with standards:
2014/35/EU (Low Voltage Directive)
2011/65/EU amended by 2015/863/EU (RoHS)
2014/30/EU (EMC / Electromagnetic Compatibility)

CUSTOMIZED SERVICE,
CONTACT US FOR ANY
OTHER CONFIGURATIONS