

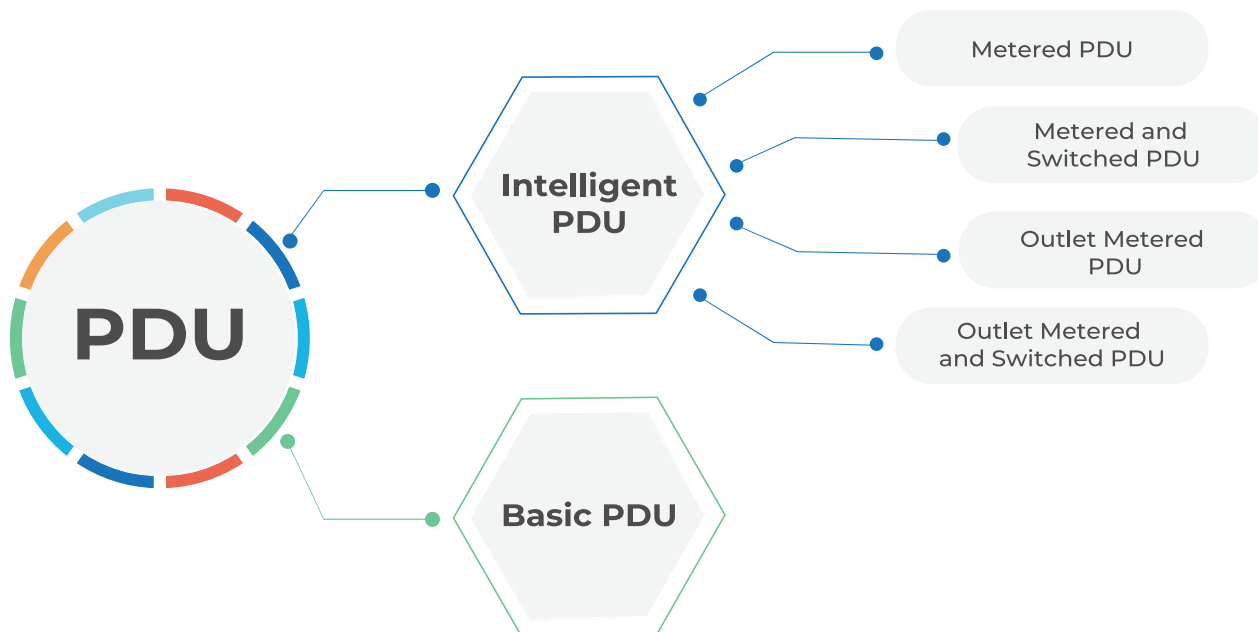
PWG2 INTELLIGENT PDU Series

Manage and monitor energy distribution in your data center cabinets effortlessly with POWERGuard's intelligent PDU. It offers a user-friendly interface and optional environmental sensors. You can use our SmartPack Software optionally for comprehensive energy infrastructure monitoring.

SMART SOLUTIONS FOR DATA CENTERS

Large Product Family

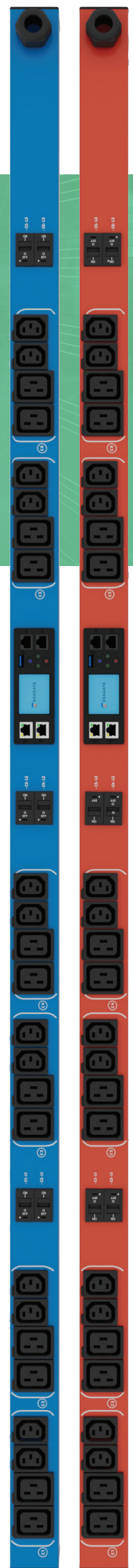
Exagate's intelligent PDUs, relied upon by major data center operators globally, embody over nearly two decades of field proven engineering expertise. Our accumulated know-how blended with years of guarantees uptime and availability. Additionally, our cutting-edge PWG2 Next-Gen PDUs, born out of extensive R&D studies, offer unmatched specifications such as reliability, flexibility, and security.



The Latest Main Features Of Our PWG2 Series

Our PDU family is designed for vital system reliability, offering top-tier flexibility, real-time monitoring, and secure communication for easy power management.

- +/- 0,5 % KWH Measurement Accuracy
- Power Quality Monitoring
- Up to 100A Single or Three Phase PDU Options
- Integrated Unique Socket Locking System
- 0 or 90 Degrees Selectable Power Input
- Branch Circuit Assignment
- Residual Current Monitoring (RCM)
- How Swap Control Module
- Dual Gigabit (10/100/1000) Network
- SNMP / Modbus TCP / MQTT Support



+/- 0,5 % KWH Measurement Accuracy

High energy measurement accuracy +/- 0,5%

0-90 Degrees Selectable Power Input

PDU units are manufactured with a 0 or 90 degrees Power Input (the default design is 90 degree), based on preference, to achieve an efficient and simple solution.

Temperature Resistance

Ability to work up to 60 degrees celsius and measure the values stably.

Latching Relay Output Option

PDU with relay output enables the active devices to be switched on and off remotely. The latching relay can remain in the open or closed position without requiring continuous power consumption.

Complete Energy Monitoring Along with Single-Phase, Three-Phase Options

V, A, kW, kVA, kVAR, kWh, F, PDU monitoring of power factor parameters, single phase or 3 phase PDU options.

Wide Range Of PDU Options

Up to 100A single or three phase PDU options.

Colour Designs

Black, Blue and Red coloured PDU options. Ask for other colour options.

Custom Made Socket Combinations

Custom production possibility with different C13, C19, UK and NEMA socket options.

Colour IPS LCD Screen

Colour IPS LCD screen with all kinds of parameters, alarms and information to monitor.

Cascading Up To 8 PDUs

Up to 8 PDUs can cascade over a single IP address to reduce network traffic and manage the system using fewer IP addresses. The cascade option is provided using the ethernet port.

Integrated Unique Socket Locking System

Integrated locking equipment ensures that the C13 & C19 sockets remain stable on the PDU.

Mobile Device Compatibility

Web interface is compatible with mobile devices and all of the data can be monitored via this integrated web interface.

SNMP, Modbus TCP and MQTT Support

Branch Circuit Assignment

Power distribution is eased by organizing outlets on simple patterns as branch circuits which are shown along the PDU.

R/G/B LED Socket Signals

LED signals provide information for switching, power and assigned critical levels as well as information about potential problematic sockets.

Dual Gigabit (10/100/1000) Network

Fast and secure dual network connection for redundancy with Dual Gigabit (10/100/1000) Network.

USB 3.0 PORT

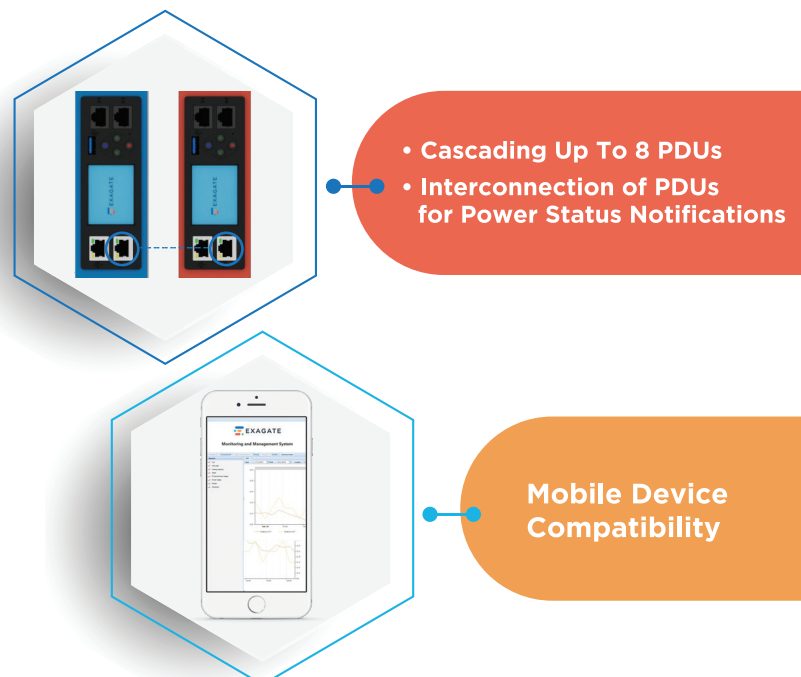
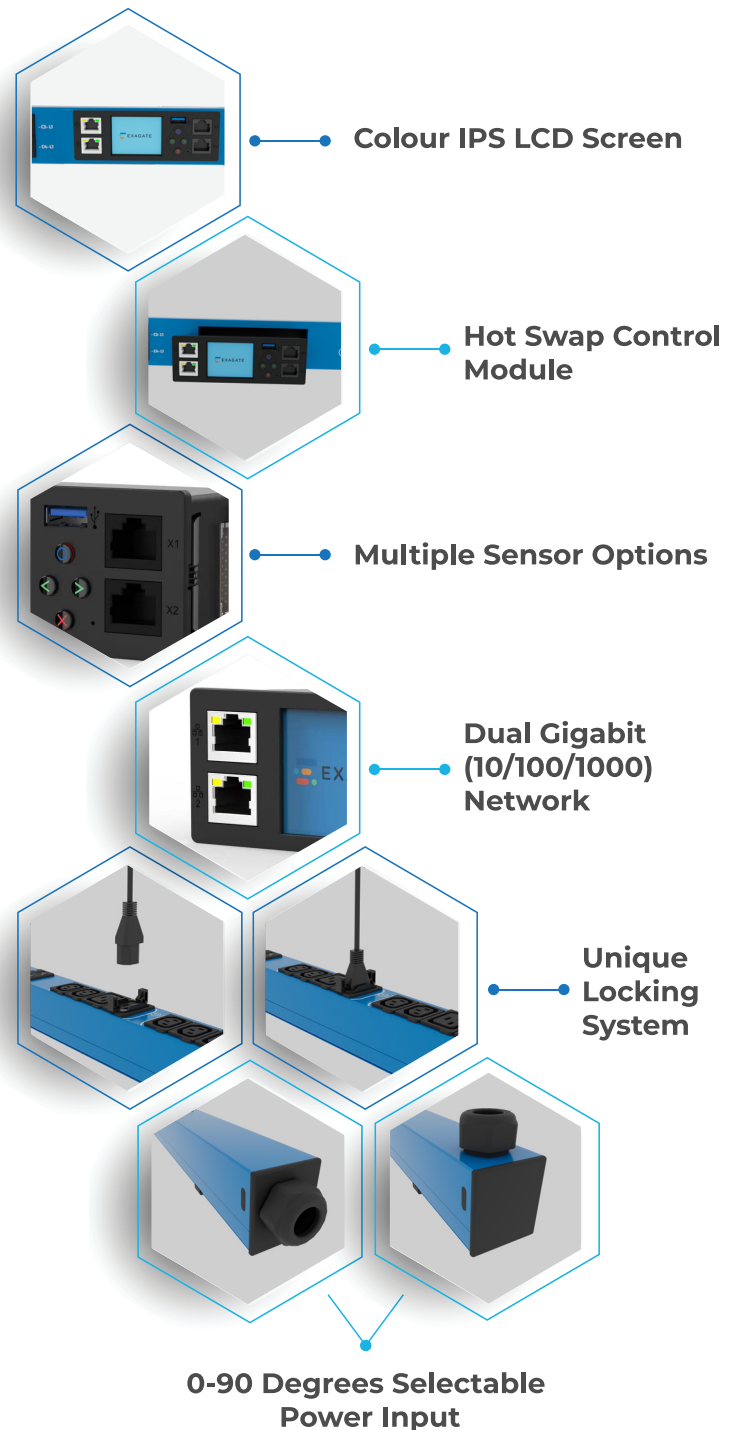
In order to serve various purposes, there is one USB 3.0 port on the PDU.

Interconnection of PDUs for Power Status Notifications

Enables the connection of 2 PDUs, with the primary unit receiving power on/off status information from the other linked PDU.

Residual Current Monitoring

Continuous residual current monitoring provides real-time data on current imbalances for electrical safety and fault detection.



POWER QUALITY MONITORING & MEASUREMENTS

Through power quality monitoring, live analysis for critical power quality, energy efficiency, and device status is offered.

+/- 0.5% Metering Accuracy

Minimum, maximum, and average values are measured at the inlet and outlet.

Peak & Min/Max Values For Power Measurements

Values that are measured across the time scale can be utilized to derive normal loads and failover ratings, as well as to make upgrade recommendations in accordance with peak ratings. Stranded capacity and plan for failover are determined. And lastly, these measurements show where you have the capacity to install new devices in the cabinet effortlessly.

Total Harmonic Distortion

Harmonic events, voltage dips, swells, crest factor, power interruptions, and the power being fed to the PDU, as well as the power distributed to the PDU's outlets, are all monitored.

EXAGATE INTELLIGENT PDU SERIES

	Inlet Metering	Branch Circuit Metering	Outlet Metering	Outlet Switching
PWG2-91	✓			
PWG2-92	✓	✓		✓
PWG2-93	✓	✓	✓	
PWG2-94	✓	✓	✓	✓

SMART SOLUTIONS FOR DATA CENTERS



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