

# POWERGUARD 9332 IP PDU Series

*PWG-9332-320-94-SMB*

*Exagate Outlet Based Power Metering Single Phase  
MODBUS PDU*

Exagate POWERGuard 9332 Series IP Power Distribution Units, a power monitoring solution of Exagate, monitors power per outlet on MODBUS PDU and environmental risks in rack cabinets.

## Monitoring

Current, voltage, frequency, temperature, humidity, air flow are some of the values that should be monitored and managed in a rack cabinet.

## Setting Alarms

In case any of values monitored are out of minimum-maximum values defined by administrator, system gives alarm and informs predefined users via MODBUS port which needs to be networked over an RS485 to Ethernet device server to the SMARTPack Centralized Management Software

## Features

|  |  |
|--|--|
| <b>Metering</b>                            | Voltage (V), Current (A), Frequency (f), Active Power (kW), Real Power (kVA), Energy (kWh), Power Factor(PF) |
| <b>Metering per PDU</b>                    | Yes  |
| <b>Metering per Branch Circuit Breaker</b> | Yes  |
| <b>Metering per Outlet</b>                 | Yes  |
| <b>Switching per Outlet</b>                | No   |
| <b>Metering Accuracy</b>                   | +/- 1%   |
| <b>Management</b>                          | SMARTPack Centralized Management Software  |
| <b>LCD Display</b>                         | 320x240 pixels color graphic TFT display for any value and message displaying                                |
| <b>Network Connection</b>                  | MODBUS   |
| <b>Cascading</b>                           | Yes  |
| <b>Supported Environmental Sensors</b>     | Temperature, Humidity, Air flow, Water detection, Smoke detection, Door contact                              |

### Head Office

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### Support

support@exagate.com



### Operational Properties

|  |  |
|--|--|
| <b>Input Voltage</b>                           | 220-240 VAC , 50/60 Hz, 1 phase                |
| <b>Input Current</b>                           | 32 A   |
| <b>Power Capacity</b>                          | 7.4 kVA  |
| <b>Input Connection</b>                        | 32 A, 3-pin IEC-309 with 3 meters power cord   |
| <b>Output Sockets</b>                          | Twenty (20) x C13 and Four (4) x C19 outlets   |
| <b>Maximum Output Current (outlet)</b>         | IEC-320-C13: 10 A; IEC-320-C19: 16 A           |
| <b>Maximum Output Current (phase)</b>          | 32A  |
| <b>Maximum Output Current (branch circuit)</b> | 16A  |
| <b>Branch Circuit Protection</b>               | Two (2) x 16 A hydro magnetic circuit breakers |

### Physical Properties

|                               |                            |
|-------------------------------|----------------------------|
| <b>Dimensions (H x W x D)</b> | ZeroU, (1780 x 56 x 48) mm |
| <b>Color</b>                  | Black powder coating       |
| <b>Weight</b>                 | Approx. 6 kg               |

### Environmental Properties

|                                    |           |
|------------------------------------|-----------|
| <b>Operating Temperature Range</b> | 0-65 °C   |
| <b>Operating Humidity Range</b>    | 0-85 % RH |
| <b>Storage Temperature Range</b>   | 0-75 °C   |
| <b>Storage Humidity Range</b>      | 0-90 % RH |

### Compatible Sensors

|                 |                               |
|-----------------|-------------------------------|
| <b>SYSG2010</b> | Temperature & Humidity Sensor |
| <b>SYSG2020</b> | Temperature Sensor            |
| <b>SYSG2030</b> | Air Flow Module               |
| <b>SYSG6031</b> | Water Detect Cable (1 meter)  |
| <b>SYSG6032</b> | Water Detect Cable (2 meters) |
| <b>SYSG6035</b> | Water Detect Cable (5 meters) |
| <b>SYSGAC04</b> | Smoke Detector                |
| <b>SYSGAC05</b> | Door Detector                 |

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**PRODUCT SKU #****DESCRIPTION**

PWG-9132-320-94-SMB

POWERGuard MODBUS Power Distribution  
Unit with PDU and Outlet Based Metering

## LIMITED PRODUCT WARRANTY

All Exagate products are covered with 2 years limited guarantee from the date of original purchase. (Warranty duration may change depending on your country) Your sales or delivery receipt, showing the date of purchase of product is your proof of purchase. Exagate is obliged to repair or replace the defective hardware (or any part of it's) with no charge to owner.

### Conditions Void of Warranty

- Damages on unit, cable or screen.
- Defections due to electrical wiring and/or city network.
- Interference to unit by non-authorized staff.
- Any problems caused by act of nature.
- Misusage of unit stated by the user manual.
- Removal or destruction of serial number, warranty labels.
- Any kind of modifications on unit.

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