

POWERGUARD2 PWG2 91 IP PDU Series

PWG2-9116-318-96-SIP

Exagate Inlet Metering Single Phase IP PDU

Exagate POWERGuard2 91 Series IP Power Distribution Units, a power monitoring solution of Exagate, monitors total power on IP 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 either an e-mail and /or SNMP etc...

Features

Metering	Voltage (RMS) (V) , Current (RMS) (A) , Active Power (W) , Apparent Power (VA) , Reactive Power (VAR) , Power Factor (PF) , Energy (kWh) , Frequency (f)
Power Quality Metering	Voltage Harmonic Distortion , Current Harmonic Distortion
Metering Per PDU	Yes
Metering per Branch Circuit Breaker	Yes
Metering Per Outlet	No
Switching Per Outlet	No
Metering Accuracy	+/- 0,5%
Management	DHCP, HTTP, HTTPS, IPv4, IPv6, NTP, SMTP, SNMP (v1/v2c/v3)
LCD Display	Color IPS LCD Screen for any value and message displaying
Network Connection	RJ-45 (10/100/1000 Dual BaseT Ethernet)
Power Input Angle Selection	0 Degrees (Standard) or 90 Degrees (Optional)
Supported Environmental Sensors	Temperature, Humidity, Air flow, Water detection, Smoke detection, Door contact
Firmware Update	USB 3.0 or Web interface

Head Office

A: Yesilce Mh. Doga Sk. Kokten Plaza No:6 Kat:2 34418 Kagithane - Istanbul
T: +90 212 275 73 22 F: +90 212 275 73 66
E: info@exagate.com

Support

support@exagate.com



Operational Properties

Input Voltage	220-240 VAC , 50/60 Hz, 1 phase
Input Current	16 A
Power Capacity	3,7 kVA
Input Connection	1.8 meters power cord cable with 3-pin IEC 60309-1P 16A Plug
Power Cable Entry Location	Bottom
Output Sockets	Eighteen (18) x C13 and Six (6) x C19 outlets
Maximum Output Current(outlet)	IEC-320-C13: 10 A; IEC-320-C19: 16 A
Maximum Output Current(phase)	16A
Maximum Output Current(branch circuit)	16A
Branch Circuit Protection	One (1) x 16 A hydrolic magnetic circuit breakers

Physical Properties

Dimensions (H x W x D)	ZeroU, (1785 x 50 x 50) mm
Mounting	Sliding feature adjustable from 1244 mm to 1750 mm.
Color	Black/Red/Blue powder coating
Weight	Approx. 6 kg

Environmental Properties

Operating Humidity Range	0-85 % RH
Storage Humidity Range	0-90 % RH
Operating Temperature Range	0-65°C
Storage Temperature Range	0-75°C

Compatible Sensors

SYSG1012	Temperature & Humidity Sensor
SYSG7170	Air Flow Module
SYSG7031	Water Detect Cable (1 meter)
SYSG7032	Water Detect Cable (2 meters)
SYSG7035	Water Detect Cable (5 meters)
SYSGAC04	Smoke Detector
SYSGAC05	Door Detector
SYSG7080	Dry Contact Module (6 Port)
SYSG7011	Temperature & Humidity Sensor Extension (4 Ports)

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PRODUCT SKU #	DESCRIPTION
PWG2-9116-318-96-S	POWERGuard2 IP Power Distribution Unit with Inlet 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.