ATEN 32A 30-Outlet 3Phase Metered & Switched PDU + Free Eco PDU Manager Software

Model: PG96330G-AT

Manufacturer: ATEN

EAN: 4710469342929

Product Code: 803260

R39,595

When maintaining operating uptime in a data center or server room, sustainable energy efficiency can make all the difference. The implementation of effective power management often involves improvements at both the hardware and software level. As the trend for 3-phase power grows due to its efficiency to generate, transfer, and distribute electricity, ATEN is introducing its latest PG series of PDUs, available in IEC socket configuration, that are designed with 0U rack housing to accommodate the increasing demand for power to high-density IT equipment in server rooms and data centers. Each PG96330 PDU, utilizing an ARM-Cortex A8 processor, is equipped with 30 port outlets capable of running at higher voltages, powers up all connected equipment in less than 10

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seconds once plugged in, and delivers the most accurate kWh energy usage data (+/-1%) for better power consumption habits, baselines, and initiative tracking. With energy saving in mind, the PG96330 is purposed to enable lower energy consumption for best practice in a network infrastructure, while promoting up to 70.65 kg (131.4 kw equivalent of power consumption) of reduced CO2 emission, reduced electricity expenses, and lower carbon taxes to pay each year.

Energy-Saving Relay

Thanks to the built-in energy-saving relays – a subtype of electromagnetic switch – controlling a large amount of current flow becomes easy, which results in annual saving of 131.4 kW power consumption per 30-outlet PDU unit, compared with models without energy-saving relays. In addition, power distribution will remain functional and uninterrupted even when a failure occurs, enabling superior uptime to optimize system reliability.

Hydraulic-Magnetic Circuit Breaker

With the built-in hydraulic-magnetic circuit breaker in place, electricity supply can be automatically switched off to protect connected devices from getting overloaded or damaged, while maintaining stable power distribution.

Secure Locking Enhancement

The outlets can be protected with a secure lock to prevent power cords from becoming unplugged due to vibration or human errors.

Real-time Alerts via LCD Display

The illuminated LCD display can display warnings to alert users of unusual power states.

Hot-Swappable Function

The LCD console panel is hot-swappable and can be removed, replaced, or repaired without powering down a mission-critical connected load.

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Dual LAN Ports for Scalable Network Setup

The PG96330 is equipped with dual LAN ports (e.g. Internet and Intranet) supporting up to 1G Ethernet connection, and can be cascaded to connect up to 64 PDUs, saving expense on installing extra network switches to incorporate network connections while sparing more rack space to accommodate more IT equipment in an expandable network.

Environment Sensors

The Sensor port enables RJ-45 connectivity to connect or daisy-chain up to 8 environment sensors for monitoring and management of temperature, humidity, airflow, differential air pressure, and leaks, featuring alerts for potential threats.

Flexible On-Site Network Operation

For quick operation, connecting a serial device to the PDU with its COM port provides another means to undertake communication via CLI commands. In addition, the same port is also functional as a PON port, available for Ethernet connection to a KN series KVM over IP Switch to centralize power management of up to 16 daisy-chained PDUs.

Networkable via WiFi

The PG96330 can be networked via connection to a USB WiFi dongle to perform DCIM, firmware upgrade, log export, quick configuration, and more.

Adjustable Power Cord for Flexible In-Rack Installation

The PG96330 comes with an adjustable power cord built in to the unit capable of 90-degree rotation to allow flexible in-rack installation, resulting in better cable organization.

DCIM Monitoring

Integrated with ATEN’s eco DC – a PC- and web-based tool for optimized Data Center Infrastructure Management (DCIM) – power distribution, energy, and environmental data from PDUs and connected

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devices can be monitored via a friendly web GUI for smart power management.

Colored Panel for Smarter Power Monitoring

The PG series PDUs feature a LCD console panel in default red and can be re-colored with options of yellow, purple, blue, and green through optional purchase of colored stickers. These color codes make it easier to differentiate between power feed settings and also speed up troubleshooting in case of unexpected failures.

Applications

The PG series 3-Phase PDUs are perfectly suited to server rack installation requiring energy-efficient power distribution to high-density IT equipment in a server room or data center.

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