

Eaton 93PX (93PX20KIRTN)

Eaton 93PX - Netpack - UPS (rack-mountable / external) - AC 220/230/240/380/400/415 V - 20 kW - 20000 VA - 3-phase / 1-phase - RS-232, USB, Ethernet 10/100/1000 - 9U



The Eaton 93PX UPS is designed to meet the rigorous demands of today's IT and industrial environments. Offering high efficiency with up to 96% in online mode and 98.8% in Eco mode, this UPS is not only powerful but also eco-friendly. Its robust design ensures reliable operation across a broad range of temperatures and humidity levels, making it a versatile choice for any setting. Equipped with advanced connectivity, 93PX facilitates seamless integration and comprehensive management of your power infrastructure. The inclusion of an LCD display and a geomagnetic sensor enhances its monitoring capabilities, allowing for real-time insights into system performance. Moreover, its expandable battery modules and a substantial 20 kW power capacity ensure that your operations remain uninterrupted, adapting effortlessly to your evolving power needs. With its rack-mountable design, this UPS integrates smoothly into any data center or IT environment, offering a reliable, scalable power solution.

Key Selling Points

- Up to 96% efficiency in online mode and 98.8% in Eco mode for energy savings
- Multiple connectivity options including Ethernet, RS-232, and USB for comprehensive management
- Operates effectively in a wide temperature range and high humidity, ensuring reliability
- LCD display and geomagnetic sensor for advanced monitoring
- Expandable battery modules to meet increasing power requirements

Product Features

- Efficient power management**
Achieve optimal energy efficiency with up to 96% online mode and 98.8% in Eco mode, ensuring your operations are both powerful and environmentally conscious.
- Versatile connectivity**
Equipped with a variety of management interfaces including Ethernet 10/100/1000, RS-232, and USB, alongside multiple input and output connectors, this UPS ensures seamless integration into any setup.
- Robust environmental adaptability**
Designed to operate flawlessly in a wide range of temperatures from 0 °C to 50 °C and humidity levels from 0 - 95% RH, ensuring reliability in diverse working conditions.
- Advanced monitoring capabilities**
Features a geomagnetic sensor and an LCD display for real-time monitoring and management, providing critical insights into your power infrastructure.
- Expandable power solution**
With the capability to expand battery modules and a power capacity of 20 kW, this UPS scales with your growing power needs, ensuring uninterrupted operations.

Main specifications

Product Description	Eaton 93PX - Netpack - UPS - 20 kW - 20000 VA
Device Type	UPS - rack-mountable / external
Rack Size	9U
Weight	23.7 kg
Input Wiring	3-phase / 1-phase
Input Voltage	AC 220/230/240/380/400/415 V
Output Voltage	AC 220/230/240/380/400/415 V ± 1%
Power Capacity	20 kW / 20000 VA
Output connectors	1 x terminal block
Battery	Expandable
Networking	RS-232, USB, Ethernet 10/100/1000
Included Accessories	External battery pack
Dimensions (WxDxH)	43.8 cm x 69.1 cm x 12.9 cm

Extended specification

General

Device Type	UPS - rack-mountable / external
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Height (Rack Units)	9U
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Expansion / Connectivity

Interfaces	1 x management (RS-232) - 9 pin D-Sub (DB-9) ¦ 1 x management (USB) - 4 pin USB Type B ¦ 1 x dry contact input ¦ 1 x dry contact output ¦ 1 x Gigabit LAN - RJ-45
Expansion Slots	1 (total) / 0 (free) x Mini Slot

Networking

Remote Management Interface	RS-232, USB, Ethernet 10/100/1000
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Miscellaneous

Included Accessories	External battery pack
Rack Mounting Kit	Included
Features	Geomagnetic sensor, EBM - External Battery Module - Auto Detection, LCD display

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	50 °C
Humidity Range Operating	0 - 95% RH
Sound Emission	55 dB

Battery

Type	Expandable
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Power Device

UPS Technology	On-line
Input Voltage	AC 220/230/240/380/400/415 V
Input Voltage Range	AC 160 - 300 V
Frequency Provided	50/60 Hz
Input Wiring	3-phase / 1-phase
Frequency Required	40 - 70 Hz
Power Output Connectors Details	1 x terminal block
Output Voltage	AC 220/230/240/380/400/415 V ± 1% - 50/60 Hz
Power Capacity	20 kW / 20000 VA
Efficiency	96% online mode, 98.8% Eco mode
Power Factor (PF)	0.995

Dimensions & Weight

Width	43.8 cm
Depth	69.1 cm
Height	12.9 cm
Weight	23.7 kg

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet