The Eaton® 93PM UPS combines high efficiency and reliability with an eye-catching design. A space-saving, scalable and flexible device that’s as easy to deploy as it is to manage; it’s the perfect three-phase white or grey space solution for today’s data center.

**Lowest TCO (total cost of ownership)**

- Conserve valuable data center floor space with the compact footprint and optional maintenance bypass
- Grow effortlessly with vertical scalability, reducing cost and unexpected future growth risks
- Reduce power and cooling OPEX through industry-leading energy efficiency
  - Up to 98.5 percent efficiency with Energy Saver System (ESS)
  - Up to 95 percent efficiency in double-conversion mode

**Easy deployment**

- Provides flexible configurability
- Includes swappable technology to scale in minutes and minimize downtime

**Easy management**

- Track statistics on energy savings, battery time and outages
- Profile your load and much more with the friendly graphical LCD touchscreen interface
- View system status from a distance with the green/yellow/red LED light bars

**Advanced IT integration**

- Supports optional communication cards that allow remote access via the HTTP(S), SNMP, MODBUS TCP/IP, Modbus RTU and BACnet IP protocols
- Manage your power devices in your physical or virtual environment with Eaton’s Power Xpert® software and Intelligent Power™ Software Suite
- Increase uptime through 24x7 remote monitoring and reporting capabilities using Eaton’s PredictPulse™ service that alerts technicians during critical events and results in faster resolutions when a problem is detected; learn more at Eaton.com/PredictPulse

![Graph showing UPS efficiency in double-conversion and ESS](image)

The Eaton 93PM UPS has an ESS energy cost savings that pay for the UPS in less than 3 years. Calculate your 93PM savings with ESS at Eaton.com/ESS.
The functional core of the 93PM UPS

- **Top and bottom cable entry**
  Standard right-mounted wireway, supporting both top and bottom cable entry. This section contains all input and output connections for the UPS.

- **Communications and connectivity**
  - Built-in device and host USB
  - Five alarm inputs and dedicated EPO
  - Alarm relay output
  - Four communication slots

- **Color touchscreen LCD interface**

- **Serviceable fan assembly**

- **Swappable power modules (20 kW)**
  with independent control and power

- **Soft start controls**

- **Static switch assembly**

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**Eaton 93PM UPS technical specifications**

### Power modules for 200 kW frame

| Power offering (kW) | 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 125, 130, 135, 140, 145, 150, 155, 160, 165, 170, 175, 180, 185, 190, 195, 200 |

### General characteristics

- Efficiency in Energy Saver System (ESS) | Up to 98.5%
- Efficiency in double-conversion mode | Up to 95%
- Parallel capability | Four distributed, up to 400 kW
- Height x depth x width | 74” x 42” x 43.3”

### Input characteristics

- Voltage | 208V or 220V 3-phase 4-wire
- Voltage range | +15%/-15% @ 208V, +10%/-15% @ 220V
- Frequency range | 50/60 Hz
- Power factor | > .99
- Input current distortion | ≤ 3.5% @ 100% load capacity
- Power factor | > .99
- Input current distortion | ≤ 3.5% @ 100% load capacity

### Battery

- Battery voltage | 480V
- Charging method | ABM® or float technology

### Output

- Voltage | 208V or 220V 3-phase 3-wire or 4-wire
- Frequency range | 50/60 Hz
- Regulation | ±1% steady state
- Voltage THD | <1.6% (100% linear load); <5% (non-linear load)
- Load power factor range | Unity with the ability to support 0.8 leading to 0.8 lagging without de-rating

### Certification

- Safety | UL 1778, cULus
- EMC | FCC Part 15 subpart B class A
- Surge | IEC 61000-4-5

### Optional accessories

- Integrated maintenance bypass
- Integrated power distribution cabinet
- Integrated battery cabinet (small and large)

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*Due to continued improvements, specifications are subject to change.

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Learn more at: Eaton.com/93PM