

Eaton 93PR 60-1200KW

Complete modular data centre solution

Lithium-ion Compatible



Powering Business Worldwide



93PR Features and Benefits

The Eaton 93PR UPS combines unprecedented 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 centres, commercial buildings, healthcare industry and many other applications.

- Smaller footprint
- Modularity
- Silicon carbide-based converter
- Safer and long-lasting oil-filled capacitor
- Lithium-ion battery compatible
- Eaton EnergyAware technology

Ideal for mission-critical applications in:

- Data centres
- Healthcare
- Commercial buildings
- Control centres

Extra Low Total Cost of Ownership

Conserves valuable data centre floor space with its compact footprint and internal redundancy design.

Reduces cost and unexpected future growth risks with its vertical scalability, enabling you to scale as you grow.

Reduces power and cooling OPEX through industry-leading energy efficiency.

- 99% efficiency with ESS
- Up to 97%* efficiency in double conversion model



Eaton 93PR UPS technical specifications*

Catalogue	93PR-300	93PR-600	93PR-1200
Model	300kVA/ kW	600kVA/ kW	1200kVA/ kW
Power offering (kW)	300kW in 60kW increments	600kW in 60kW increments	1200kW in 60kW increments
Frame Options			
Frame offering	Standard input, output, MBS, Bypass input switch UPS can be configured in different output ratings depending on site ambient temperature	Standard input, output, MBS, Bypass input switch UPS can be configured in different output ratings depending on site ambient temperature	UPS can be configured in different output ratings depending on site ambient temperature
General Characteristics			
Efficiency in Energy Saver System (ESS)	Up to 99%		
Efficiency in double-conversion mode	Up to 97%*		
Parallel capability	4 x parallel, extendable to 8x with customisation	4 x parallel, extendable to 8x with customisation	4 x parallel, maximum 4.8MW
Cold start	Supported		
Softstart	Rectifier ramp up, compatible with generator, ramp up rate configurable		
Input Characteristics			
Voltage	380/400/415V		
Voltage range:	301~478V L-L175~276V L-		
Frequency range	N 50/60 Hz		
Power factor	>0.99		
Input current distortion	< 3% @ 100% load capacity		
Battery			
Battery Type	Lithium, VRLA, Ni-Cad		
Battery Voltage	360~700 Vdc		
Battery Connection options	Support 1+1 common battery		
Output			
Voltage	380/400/415V 4 W-ire		
Frequency range	50/60 Hz		
Regulation	±1% steady state		
Voltage THD	< 1% linear load < 3% non-linear load		
Optional accessories	<ul style="list-style-type: none"> • Communication: Dry contacts, ModBus RTU/ TCP/IP, SNMP cards • External Sync Control Box • Top exhaust kits 		
Certification			
Safety	IEC62040-1		
EMC	IEC62040-2		
Performance	IEC62040-3		
Certificate	CE		
UPS dimensions (mm)			
Height / Depth / Width	2000 / 1100 / 600	2069 / 1100 / 1200	2069 / 1100 / 2400
UPM dimensions (mm)			
Height / Depth / Width	173.4 (4U) / 700 / 439		
Weight (kg)			
UPS (w/o UPM)	360	766	1528
UPM	39	39	39

* Due to continuous improvement, specifications are subject to change without notice.