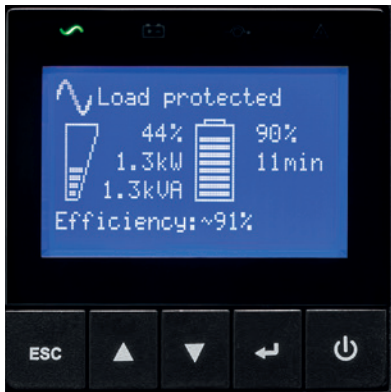


Eaton 9SX UPS

700/1000/1500/2000/3000 VA



9SX offers multiple form factors



9SX graphical LCD

Advanced protection for:

- IT, Networking, Storage and Telecom
- Infrastructure, Industrial and Medical



Online double conversion UPS Successor of Eaton 9130 UPS

Performance and Availability

- Double-conversion topology. The Eaton 9SX constantly monitors power conditions and regulates voltage and frequency.
- The internal bypass allows service continuity in case of internal fault, a maintenance bypass is also available (as option) for easy replacement of the UPS without powering down critical systems.
- With a 0.9 power factor the 9SX delivers 28% more power than UPS in its class. It powers more servers than other UPSs with equivalent VA ratings and lower power factors.
- Stronger, longer battery life: Eaton ABM® battery management technology uses an innovative three-stage charging technique that extends battery life by up to 50%. 9SX also provides recommended replacement date for batteries.

Manageability

- The new graphical LCD provides clear information on the UPS's status and measurements on a single screen. Enhanced configuration capabilities are also available.
- The 9SX can meter energy consumption. kWh values can be monitored using the LCD or Eaton's Intelligent Power® Software.
- Load segment control enables prioritised shutdowns of nonessential equipment to maximise battery runtime for critical devices.
- 9SX offers Serial, USB connectivity, plus an extra slot for an optional communication card. Eaton's Intelligent Power® Software seamlessly integrates with leading virtualisation environments and cloud orchestrations tools.

Flexibility

- One platform, multiple dimensions. The size of the 9SX has been optimised to fit into space constrained environment. UPS is about the size of a modern, compact PC.
- More runtime can be added with up to 4 external hot-swappable battery modules, able to run systems for hours if necessary. The additional battery modules are automatically recognized by the UPS.



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Eaton 9SX UPS

- 1 Remote Power Off connector (configurable)
- 2 Slot for Management card
- 3 External battery module (EBM) connector with automatic detection (RJ11)



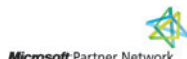
- 4 Relay output
- 5 USB and serial ports
- 6 Input/Output connections

Technical specifications

	700 VA	1000 VA	1500 VA	2000 VA	3000 VA
Rating (VA/W)	700 VA/630W	1000 VA/900W	1500 VA/1350W	2000 VA/1800W	3000 VA/2700W
Format	Tower				
Electrical characteristics					
Technology	On-line double-conversion with Power Factor Correction (PFC) system				
Nominal voltage	200/208/220/230/240V				
Input voltage range	190-276V without derating (up to 120-276V with derating)			200-276V without derating (up to 140-276V with derating)	
Input frequency range/THDI	40-70Hz, 50/60Hz autoselection, frequency converter mode				
Connections					
Input	1 IEC C14 (10A)	1 IEC C14 (10A)	1 IEC C14 (10A)	1 IEC C14 (10A)	1 IEC C20 (16A)
Outputs	6 IEC C13 (10A) sockets	6 IEC C13 (10A) sockets	6 IEC C13 (10A) sockets	8 IEC C13 (10A) sockets	8 IEC C13 (10A) sockets + 1 IEC C19 (16A) socket
Switched Outlet Group	2 outlet groups				
Batteries					
Typical backup times* (minutes)/load	300W	500W	800W	1200W	1800W 2500W
9SX 700	14	7.5			
9SX 1000	24	14	7		
9SX 1000 + 1 EBM/+ 4 EBM	90/320	56/200	33/120		
9SX 1500	39	23	12	7	
9SX 1500 + 1 EBM/+4 EBM	142/520	85/310	50/179	31/115	
9SX 2000	62	36	22	13	7
9SX 2000 + 1 EBM/+4 EBM	280/1050	165/620	100/390	65/250	40/160
9SX 3000	78	45	29	17	10 6
9SX 3000 + 1 EBM/+4 EBM	290/1100	175/630	108/421	68/255	45/168 30/112
Battery management	ABM* and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units.				
Communication					
Communication ports	1 USB port + 1 serial RS232 port + 1 mini-terminal block for Remote Power Off + 1 mini-terminal block for Output relay				
Communication slot	1 slot for Network-M2, Network-MS, ModBus-MS or Relay-MS cards				
Operating conditions, standards and approvals					
Operating temperature	0 to 40°C				
Typical noise level	40dB	41dB	43dB	45dB	45dB
Safety	IEC/EN 62040-1, UL 1778, CSA 22.2				
EMC	IEC/EN 62040 -2 , FCC Class B, CISPR22 Class B				
Approvals & marking	CE /CB report (TUV) / cULus / EAC / RCM / BIS / KCC				
Dimensions H x W x D in mm/Weight					
UPS	252x160x357/11.5kg	252x160x387/14.8kg	252x160x437/18.5kg	346x214x412/33.3kg	346x214x412/33.4kg
EBM		252x160x387/19kg	252x160x387/24.5kg	346x214x412/48.7kg	346x214x412/48.7kg
Customer service and support					
Warranty	2 years				

* Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc.

Parts numbers	9SX 700 VA	9SX 1000 VA	9SX 1500 VA	9SX 2000 VA	9SX 3000 VA
UPS Tower	9SX700I	9SX1000I	9SX1500I	9SX2000I	9SX3000I
EBM Tower	—	9SXEBM36T	9SXEBM48T	9SXEBM96T	9SXEBM96T
2m battery connection cable	—	EBMCBL36T	EBMCBL48T	EBMCBL96T	EBMCBL96T



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