Eaton 9PX UPS

1800–2700W

Advanced protection for:
- Small and Medium Datacentre
- IT, Networking, Storage and Telecom
- Infrastucture, Industrial and Medical

Energy efficient power protection

Performance and Efficiency

- 9PX 2kVA & 3kVA UPS is designed to provide 0.9 power factor powering more servers with equivalent VA ratings and lower power factors.
- Energy Star qualified, the 9PX provides the highest efficiency level to reduce energy and cooling costs.
- Double conversion topology. The Eaton 9PX constantly monitors power conditions and regulates voltage and frequency.
- With a versatile Rack/Tower form factor, the 9PX is the most compact solution delivering 2700W in 2U.
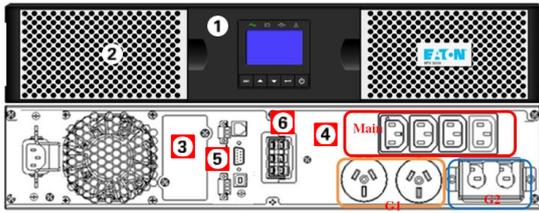
Manageability

- The graphical LCD display provides clear information on the UPS's status and measurements on a single screen. Enhanced configuration capabilities are also available.
- 9PX can meter energy consumption right down to the managed outlet groups. kWh values can be monitored using the LCD or Eaton's Intelligent Power® Software.
- Load segment control enables prioritised shutdown of non-essential equipment to maximize battery runtime for critical devices.
- 9PX offers Serial and 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.

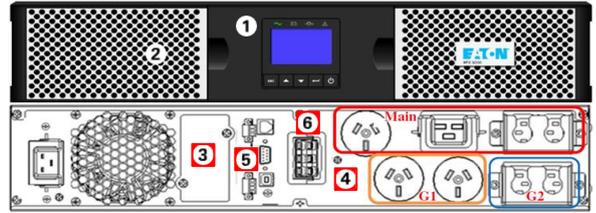### Availability and Flexibility

- 9PX 2000 & 3000 are available in RT2U format (optimised for rack mounting), pedestal and rail kits are included with all models.
- The internal bypass allows service continuity in case of internal fault, for easy replacement of the UPS.
- Stronger, longer battery life: Eaton ABM® battery management technology uses an innovative three-stage charging technique that extends battery life by up to 50%.
- More runtime can be added with up to 4 external hot-swappable battery modules, able to run systems for hours if necessary.

ENERGY STAR

E·T·N

Powering Business Worldwide

Eaton 9PX UPS Technical Specifications

Eaton 9PX 2000VA UPS

Eaton 9PX 3000VA UPS

1 Graphical LCD display :
- Clear information on UPS status and measurements
- Enhanced configuration capabilities

2 Panel for batteries replacement (Hot swappable)

3 Slot for Management card

4 Outputs: IEC 10A & 16A, AUS GPO 10A & 16A with energy metering (including 2 prog'able groups G1 & G2)

5 USB port, 1 serial port, Remote ON/OFF, Remote power OFF and Relay output

6 External battery (EBM) connector

Technical Specifications	2000VA			3000VA		
Rating (VA/W)	2000VA/1800W			3000VA/2700W		
Format	RT2U (tower/rack 2U)					
Electrical Characteristics						
Technology	On-line double conversion with Power Factor Correction (PFC) system					
Nominal voltage	200/208/220/230/240V					
Input voltage range	176-276V without derating (up to 100-276V with derating)					
Input frequency range	40-70Hz, 50/60Hz auto-selection, frequency converter mode					
Efficiency	up to 93% in online mode (up to 98% in Hi-efficiency mode)			up to 94% in online mode (up to 98% in Hi-efficiency mode)		
Connections						
Input	(1) IEC C14 (10A)			(1) IEC C14 (10A)		
Outputs	(6) IEC C13 (10A) + (2) AUS GPO (10A)			(4) IEC C13 (10A) + (2) AUS GPO (10A) + (1) AUS GPO (16A) + (1) IEC C19 (16A)		
Switched Outlet Group	2 outlet groups					
Switched Outlet	(2) IEC C13 (10A) + (2) AUS GPO (10A)			(1) IEC C19 (16A) + (1) AUS GPO (16A)		
Batteries						
Typical backup times (minutes)*	540W	900W	1800W	810W	1350W	2700W
9PX 2000	23	12	4			
9PX 2000 + 1 EBM	114	65	29			
9PX 2000 + 4 EBM	453	261	118			
9PX 3000				22	11	4
9PX 3000 + 1 EBM				81	45	20
9PX 3000 + 4 EBM				303	169	74
Battery management	ABM® & 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 ON/OFF + 1 mini-terminal block for Remote Power Off + 1 mini-terminal block for Output relay					
Communication slot	1 slot for Network-MS card, ModBus-MS or Relay-MS cards					
Operating conditions, standards and approvals						
Operating temperature	0 to 40°C					
Typical Noise level	40dB					
Safety	IEC/EN 62040-1, UL 1778, CSA 22.2					
EMC	IEC/EN 62040 -2 , FCC Class B, CISPR22 Class B					
Approvals & Markings	CE / CB report (TUV) / cULus / EAC / RCM / KC / Energy Star					
Dimensions H x W x D in mm/Weight						
UPS	2U version: 86,5*440*605/27.4kg			2U version: 86,5*440*605/27.4kg		
EBM	2U version: 86,5*440*605/39.2kg					
Customer Service and Support						
Warranty	3 years on electronics, 2 years on batteries					

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

Parts Numbers*	9PX 2000VA	9PX 3000VA
UPS RT2U	9PX2000iRTAU	9PX3000iRTAU
EBM	2U: 9PXEBM72RT2U	
2m battery connection cable	EBMCBL72	
Battery Integration System	BINTSYS	

*All 9PX UPS and EBM are delivered with rack kit

In the interests of continuous product improvement all specifications are subject to change without notice.