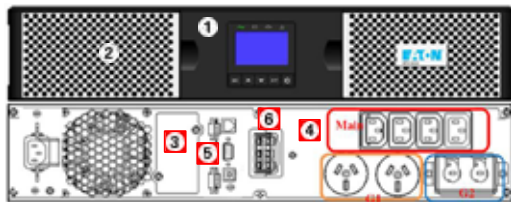


# Eaton 9PX UPS

## 1800W UPS Datasheet



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, AUS GPO 10A 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

### Performance and Efficiency

- 9PX 2kVA 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.

### Availability and Flexibility

- 9PX 2000 is 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<sup>®</sup> 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.

### 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<sup>®</sup> 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<sup>®</sup> Software seamlessly integrates with leading virtualisation environments and cloud orchestrations tools.

# Eaton 9PX UPS - 1800W

Technical Specifications		2000VA	
Rating (VA/W)	2000VA/1800W		
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)		
Connections			
Input	(1) IEC C14 (10A)		
Outputs	(6) IEC C13 (10A) + (2) AUS GPO (10A)		
Switched Outlet Group	2 outlet groups		
Switched Outlet	(2) IEC C13 (10A) + (2) AUS GPO (10A)		
Batteries			
Typical backup times (minutes)*	540W 900W	500W	1800W
9PX 2000	23	12	4
9PX 2000 + 1 EBM	114	65	29
9PX 2000 + 4 EBM	453	261	118
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		
EBM	2U version: 86,5*440*605/39.2kg		
Customer Service and Support			
Warranty	3 years		

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

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

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



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