

Reference Data

Eaton 9PX 6000i Rack/Tower 3U UPS



Product		Description		
Eaton 9PX 6000i		Energy efficient Online Double conversion UPS (up to 94% efficiency in online mode), 6000VA/5400W, Versatile Rack/Tower 3U, Parallel operation (power extension and/or redundancy), multilingual LCD display, USB & Serial ports, 4 dry contacts, RPO & ROO connectors, power management software compatible with virtual environments, 8 x IEC C13 10A outlets (2 manageable groups) + 2 x IEC C19 16A, Hot-swappable batteries.		
EATON Ref				
9PX6Ki				
Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging	UPC Code
Individual Packaging	595*977*323	53 kg	1 product / carton	743172039224
Complete Pallet	1200*1000*1095	328 kg	6 cartons / pallet	
Packaging contents				
9PX UPS + 2 IEC output power cords + Eaton Intelligent Power Software CD + USB Cable + Serial Cable + 2 supports for tower mounting + cable locking systems + Safety guide + English language user manual				

Technical Specifications	
Technology	On line double conversion with PFC system (Power Factor Correction)
Capacity	6000VA/5400W
*Dimensions (WxDxH)/ Weight	440(19")*685*130mm, 3U / 48 kg
Input / Output connections	Input: Terminal block (up to 10mm ²) Output: Terminal block + 8 IEC C13 (10A) manageable in 2 groups + 2 IEC C19 (16A) Output (with optional MBP Module): Terminal block + 2 IEC C19 (16A) + 3 IEC C13 (10A)
Input / Output voltage range	176-276V without derating (up to 100-276V with derating), 200/208/220/230/240V
Input / Output frequency range	40-70Hz, 50/60Hz autoselection, frequency converter as standard
Overload / crest factor / limitation	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 500ms / 3:1 / 90A
THDI / Noise level / Efficiency	< 5% / 45 dbA / Up to 94% in Online mode, 98% in Hi-Efficiency mode
Features	Advance Battery Management (ABM) technology, Automatic battery test, Deep discharge protection, Cold start, Hot Sync® Parallel operation (power increase or redundancy) without upfront cost, Energy Metering.
Administration	1 USB port + 1 serial RS232 + 4 voltage free contacts (DB9) + 1 mini-terminal block for remote Off/On + 1 mini-terminal block for Remote Power Off, 1 DB 15 port for parallel mode
User interface	4 LEDs + Multilingual LCD : access to measures, alarm messages and customisation
ANZ Warranty	3 years electronics, 2 years batteries
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, UL 1778, CSA 22.2, CE, CB, UL
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

*W x D x H = Width x Depth x Height, Weight and dimensions not including optional Maintenance Bypass Module

Typical applications	Runtime without EBM	Runtime with 1 EBM	Runtime with 4 EBM
At 70% load / 50% load (PF 0.7)	8 min / 11 min	34 min / 48 min	120 min / 170 min
At 70% load / 50% load (PF 0.9)	5 min / 8.5 min	25 min / 38 min	100 min / 133 min

Selling points	
<ul style="list-style-type: none"> Energy efficient UPS with up to 94% efficiency in Online mode and 98% in Hi-efficiency Mode Unmatched power density with 5400W in only 3U Compatibility with power factor corrected power supplies (ratio W/VA=0.9) Eaton Hot Sync® Parallel operation up to 2 UPSs (redundancy or power extension) Hot swappable batteries from front panel Easy to operate : next-generation multilingual LCD display Remote reboot and runtime optimisation with 8 programmable outlets (2 x 4 outlet groups) Energy metering accessible through LCD and Software Monitoring & shutdown software for VMware, Hyper-V, Citrix Xen, Windows, Linux, SUN Solaris, HP-UX, IBM AIX 1 USB port + 1 Serial + 4 dry contacts (DB9) built in Advance Battery Management (ABM) technology to increase battery lifetime by up to 50% Long backup time with up to 12 optional EBM cabinets 	
Options	Reference
Eaton Rack kit 9PX/9SX	9RK
Eaton 9PX EBM 180V	9PXEBM180
Eaton HotSwap MBP 6000i	MBP6Ki
Network Card-MS	NETWORK-MS
Network and MODBUS Card-MS	MODBUS-MS
Relay Card-MS	RELAY-MS
Eaton Transformer 11000i	TFMR11Ki

Reference Data

Eaton 9PX 8000i Rack/Tower 6U UPS



Product	Description			
Eaton 9PX 8000i	Energy efficient Online Double conversion UPS (up to 95% efficiency in online mode), 8000VA/7200W, Versatile Rack/Tower 6U, Parallel operation (power extension and/or redundancy), multilingual LCD display, USB & Serial ports, 4 dry contacts, RPO & ROO connectors, power management software compatible with virtual environments, Hot-swappable UPS & batteries.			
EATON Ref	9PX8KiPM + 9PXEBM240			
Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging	UPC Code
PM Individual Packaging	595*977*323	24 kg	1 product / carton	743172039361
PM Complete Pallet	1200*1000*772	154kg	6 cartons / pallet	
EBM	See separate sheet			
Packaging contents PM				
9PX Power module + Eaton Intelligent Power Software CD + USB Cable + Serial Cable + 2 supports for tower mounting + Safety guide + English language user manual				
Packaging contents EBM				
Battery pack + 1 battery cable with comms for automatic battery cabinet recognition + link plate for tower mounting + EBM user manual				

Technical Specifications	
Technology	On line double conversion with PFC system (Power Factor Correction)
Capacity	8000VA/7200W
*Dimensions (WxDxH)/ Weight	440 (19")*700*260mm , 6U / 84 kg
Input / Output connections	Input: Terminal block (up to 16mm ²), Bypass Input: Terminal block (up to 16mm ²) Output: Terminal block (up to 16mm ²) Output (with optional MBP Module): Terminal block + 4 IEC C19 (16A)
Input / Output voltage range	176-276V without derating (up to 100-276V with derating), 200/208/220/230/240/250V
Input / Output frequency range	40-70Hz, 50/60Hz autoselection, frequency converter as standard
Overload / crest factor / limitation	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 900ms / 3:1 / 120A
THDI / Noise level / Efficiency	< 5% / 48 dbA / Up to 95% in Online mode, 98% in Hi-Efficiency mode
Features	Advance Battery Management (ABM) technology, Automatic battery test, Deep discharge protection, Cold start, Hot Sync® Parallel operation (power increase or redundancy) without upfront cost, Energy Metering.
Administration	1 USB port + 1 serial RS232 + 4 voltage free contacts (DB9) + 1 mini-terminal block for remote Off/On + 1 mini-terminal block for Remote Power Off, 1 DB 15 port for parallel mode
User interface	4 LEDs + Multilingual LCD : access to measures, alarm messages and customisation
ANZ Warranty	3 years electronics, 2 years batteries
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, UL 1778 (Power Module), CSA 22.2, CE, CB, UL(Power Module)
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

*W x D x H = Width x Depth x Height, Weight and dimensions not including Maintenance Bypass

Typical applications	Runtime 1 PM + 1 EBM	Runtime 1 PM + 2 EBM	Runtime 1 PM + 5 EBM
At 70% load / 50% load (PF 0.7)	15 min / 20 min	32 min / 48 min	100 min / 140 min
At 70% load / 50% load (PF 0.9)	10 min / 16 min	25 min / 36 min	75 min / 118 min

Selling points	
<ul style="list-style-type: none"> Energy efficient UPS with up to 95% efficiency in Online mode and 98% in Hi-efficiency Mode Compatibility with power factor corrected power supplies (ratio W/VA=0.9) UPS can be connected to 2 independant sources (AC normal , AC bypass) Eaton Hot Sync® Parallel operation up to 2 UPSs (redundancy or power extension) Easy to operate : next-generation multilingual LCD display with tilt & rotation adjustment Energy metering accessible through LCD and Software Monitoring & shutdown software for VMware, Hyper-V, Citrix Xen, Windows, Linux, SUN Solaris, HP-UX, IBM AIX 1 USB port + 1 Serial + 4 dry contacts (DB9) built in Advance Battery Management (ABM) technology to increase battery lifetime by up to 50% Long backup time with up to 12 optional EBM cabinets 	
Options	Reference
Eaton Rack kit 9PX/9SX	9RK
Eaton 9PX EBM 240V	9PXEBM240
Eaton HotSwap MBP 11000i	MBP11Ki
Network Card-MS	NETWORK-MS
Network and MODBUS Card-MS	MODBUS-MS
Relay Card-MS	RELAY-MS
Eaton Supercharger 240VDC	SC240RT
Eaton Transformer 11000i	TFMR11Ki

Reference Data

Eaton 9PX 11000i Rack/Tower 6U UPS



Product	Description			
Eaton 9PX 11000i	Energy efficient Online Double conversion UPS (up to 95% efficiency in online mode), 11000VA/10000W, Versatile Rack/Tower 6U, Internal and external Maintenance Bypass, Parallel operation (power extension and/or redundancy), multilingual LCD display, USB & Serial ports, 4 dry contacts, RPO & ROO connectors, power management software compatible with virtual environments, Hot-swappable UPS & batteries.			
EATON Ref				
9PX11KiPM + 9PXEBM240				
Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging	UPC Code
PM Individual Packaging	595*977*323	26 kg	1 product / carton	743172039378
PM Complete Pallet	1200*1000*772	166kg	6 cartons / pallet	
EBM	See separate sheet			
Packaging contents PM				
9PX Power module + Eaton Intelligent Power Software CD + USB Cable + Serial Cable + 2 supports for tower mounting + Safety guide + English language user manual				
Packaging contents EBM				
Battery pack + 1 battery cable with comms for automatic battery cabinet recognition + link plate for tower mounting + EBM user manual				

Technical Specifications	
Technology	On line double conversion with PFC system (Power Factor Correction)
Capacity	11000VA/10000W
*Dimensions (WxDxH)/ Weight	440 (19")*700*260mm, 6U / 86 kg
Input / Output connections	Input: Terminal block (up to 16mm ²), Bypass Input: Terminal block (up to 16mm ²) Output: Terminal block (up to 16mm ²) Output (with optional MBP Module): Terminal block + 4 IEC C19 (16A)
Input / Output voltage range	176-276V without derating (up to 100-276V with derating), 200/208/220/230/240/250V
Input / Output frequency range	40-70Hz, 50/60Hz autoselection, frequency converter as standard
Overload / crest factor / limitation	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 900ms / 3:1 / 150A
THDI / Noise level / Efficiency	< 5% / 50 dbA / Up to 95% in Online mode, 98% in Hi-Efficiency mode
Features	Advance Battery Management (ABM) technology, Automatic battery test, Deep discharge protection, Cold start, Hot Sync® Parallel operation (power increase or redundancy) without upfront cost, Energy Metering.
Administration	1 USB port + 1 serial RS232 + 4 voltage free contacts (DB9) + 1 mini-terminal block for remote Off/On + 1 mini-terminal block for Remote Power Off, 1 DB 15 port for parallel mode
User interface	4 LEDs + Multilingual LCD : access to measures, alarm messages and customisation
ANZ Warranty	3 years electronics, 2 years batteries
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, UL 1778 (Power Module), CSA 22.2, CE, CB, UL (Power Module)
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

*W x D x H = Width x Depth x Height, Weight and dimensions not including Maintenance Bypass

Typical applications	Runtime 1 PM + 1 EBM	Runtime 1 PM + 2 EBM	Runtime 1 PM + 5 EBM
At 70% load / 50% load (PF 0.7)	9 min / 13 min	21 min / 32 min	70 min / 100 min
At 70% load / 50% load (PF 0.9)	6 min / 10 min	16 min / 25 min	51 min / 80 min

Selling points	
<ul style="list-style-type: none"> Energy efficient UPS with up to 95% efficiency in Online mode and 98% in Hi-efficiency Mode Unmatched power density with 10kW in 6U Compatibility with power factor corrected power supplies (ratio W/VA=0.9) UPS can be connected to 2 independant sources (AC normal , AC bypass) Eaton Hot Sync® Parallel operation up to 2 UPSs (redundancy or power extension) Easy to operate : next-generation multilingual LCD display with tilt & rotation adjustment Energy metering accessible through LCD and Software Monitoring & shutdown software for VMware, Hyper-V, Citrix Xen, Windows, Linux, SUN Solaris, HP-UX, IBM AIX 1 USB port + 1 Serial + 4 dry contacts (DB9) built in Advance Battery Management (ABM) technology to increase battery lifetime by up to 50% Long backup time with up to 12 optional EBM cabinets 	
Options	Reference
Eaton Rack kit 9PX/9SX	9RK
Eaton 9PX EBM 240V	9PXEBM240
Eaton HotSwap MBP 11000i	MBP11Ki
Network Card-MS	NETWORK-MS
Network and MODBUS Card-MS	MODBUS-MS
Relay Card-MS	RELAY-MS
Eaton Supercharger 240VDC	SC240RT
Eaton Transformer 11000i	TFMR11Ki

Reference Data

Eaton 9PX Extended Battery Module 180V



Product	Description			
Eaton 9PX EBM 180V	Extended Battery Module for 9PX 6000i RT3U, versatile Rack/Tower 3U			
EATON Ref				
9PXEBM180				
Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging	UPC Code
Individual Packaging	595*977*323	73 kg	1 product / carton	743172039408
Complete Pallet	1200*1000*1095	458 kg	6 cartons / pallet	
Packaging contents				
Battery pack + 1 battery cable with comms for automatic battery cabinet recognition + link plate for tower mounting + EBM user manual				

Technical Specifications	
Dimensions (W x D x H*)/ Weight	440 (19")*645*130 mm 3U / 68 kg
ANZ Warranty	2 years
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, CE, CB report
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

*W x D x H = Width x Depth x Height

Runtime in Minutes at % of rated load (PF 0.9)	10	25	50	75	100
6000	57	22	8.5	4.5	3
6000 + 1 EBM	203	85	38	24	16
6000 + 2 EBM	399	147	71	45	28
6000 + 3 EBM	554	214	104	62	47
6000 + 4 EBM	755	287	133	90	58
6000 + 5 EBM	961	396	170	111	82
6000 + 6 EBM	1105	481	206	131	100
6000 + 7 EBM	>1200	542	241	156	112
6000 + 8 EBM	>1200	589	281	175	126
6000 + 9 EBM	>1200	700	331	201	147
6000 + 10 EBM	>1200	814	389	226	163
6000 + 11 EBM	>1200	908	437	251	177
6000 + 12 EBM	>1200	987	478	277	197

Note: 4 EBMs recommended for 5/6kVA, maximum 12 EBMs possible

Options	Reference
Eaton Rack kit 9PX/9SX	9RK
Eaton 1,8m cable 180V EBM	EBMCBL180
Eaton Battery Integration System	BINTSYS
Eaton Battery Cable Adaptor for MX/9135	CBLADAPT180

Reference Data

Eaton 9PX Extended Battery Module 240V



Product	Description			
Eaton 9PX EBM 240V	Battery Extension cabinet for 9PX 8000/11000i, versatile Rack/Tower 3U			
EATON Ref				
9PXEBM240				
Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging	UPC Code
Individual Packaging	595*977*323	70 kg	1 product / carton	743172039422
Complete Pallet	1200*1000*1095	440 kg	6 cartons / pallet	
Packaging contents				
Battery pack + 1 battery cable with comms for automatic battery cabinet recognition + link plate for tower mounting + EBM user manual				

Technical Specifications	
Dimensions (W x D x H*)/ Weight	440 (19")*680*130 mm 3U / 65 kg
ANZ Warranty	2 years
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, CE, CB report
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

*W x D x H = Width x Depth x Height

Runtime in Minutes at % of rated load (PF 0.9)	10	25	50	75	100
8K Std (1PM + 1EBM)	106	35	16	9	5
8K Std + 1 EBM	203	85	36	23	16
8K Std + 2 EBM	342	140	65	36	27
8K Std + 3 EBM	492	173	86	53	36
8K Std + 4 EBM	582	220	118	72	50
8K Std + 5 EBM	748	272	143	86	65
8K Std + 6 EBM	898	341	162	109	76
8K Std + 7 EBM	1011	416	175	127	86
8K Std + 8 EBM	1099	475	199	143	103
8K Std + 9 EBM	1168	522	225	156	118
8K Std + 10 EBM	>1200	560	250	167	131
8K Std + 11 EBM	>1200	591	279	175	143
Runtime in Minutes at % of rated load (PF 0.9)	10	25	50	75	100
11K Std (1PM + 1EBM)	74	25	10	5.5	3
11K Std + 1 EBM	159	60	25	15	10
11K Std + 2 EBM	237	97	42	25	18
11K Std + 3 EBM	341	136	61	37	25
11K Std + 4 EBM	461	163	80	48	34
11K Std + 5 EBM	541	184	98	61	42
11K Std + 6 EBM	598	223	120	73	51
11K Std + 7 EBM	747	261	139	86	61
11K Std + 8 EBM	864	298	153	98	69
11K Std + 9 EBM	957	361	165	113	79
11K Std + 10 EBM	1033	414	175	127	89
11K Std + 11 EBM	1098	458	190	139	98

Note: 6 EBMs recommended for 8/11kVA, maximum 12 EBMs (or 400Ah) possible with additional charger (Supercharger option)

Options	Reference
Eaton Rack kit 9PX/9SX	9RK
Eaton 1,8m cable 240V EBM	EBMCBL240
Eaton Battery Integration System	BINTSYS
Eaton Battery Cable Adaptor for EXRT	CBLADAPT240