Eaton 9SX UPS 5 - 11 kVA



9SX 11kVA



9SX LCD tilts 45° for ease-of-viewing

Advanced protection for:

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





High performance Online double conversion UPS

Performance and Efficiency

- Double conversion topology. The Eaton 9SX constantly monitors power conditions and regulates voltage and frequency.
- With up to 95% efficiency in online double conversion mode the 9SX provides the highest efficiency level in its class to reduce energy & cooling costs.
- 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.

Availability and Flexibility

- The internal bypass allows service continuity in case of internal fault. Batteries are hot-swappable from the front panel without powering down critical systems.
- With its rack/tower versatile form factor the 9SX can be installed in any environment (rack kit provided as standard on RT versions).
- 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 12 external hotswappable battery modules, able to run systems for hours if necessary. The additional battery modules are automatically recognized by the UPS.

Manageability

- The new graphical LCD provides clear information on the UPS's status and measurements on a single screen (in seven languages). LCD display position can be adjusted to offer the best viewable angle for tower and rack usage.
- The 9SX can meter energy consumption. kWh values can be monitored using the LCD or Eaton's Intelligent Power® Software Suite.
- Load segment control enables prioritised shutdowns of nonessential equipment to maximise battery runtime for critical devices. It can also be used to remotely reboot locked-up equipment or to manage scheduled shutdowns and sequential start-ups.
- The 9SX offers Serial, USB and relay (4 dry contacts) connectivity, plus an extra slot for an optional card (Modbus, Network or Relay). 9SX also provides Remote Power off function. Eaton's Intelligent Power® Software Suite is included with each UPS.

Eaton 9SX UPS

- 1 Remote Off/On and Remote Power Off connectors
- 2 Slot for Network-MS, ModBus-MS or Relay-MS cards
- **3** External battery module (EBM) connector with automatic detection (RJ11)



Electrical Characteristics Inite double conversion with Power Factor Correction (PFCI system Technology 00/2002/20/200/40/V 200/2002/20/200/40/V/250/V Norminal voltage range 178-276V without derating (up to 100–276V with derating) 200/2002/2002/200/200/250/ +/- 1%, THDU <2% Output voltage/THDU 200/2002/200/200/200/250/ +/- 1%, THDU <2% 200/2002/200/200/250/ +/- 1%, THDU <2% Upput voltage/THDU 200/2002/200/200/250/ +/- 1%, THDU <2% 200/200/200/200/250/ +/- 1%, THDU <2% Upput voltage/THDU 200/200/200/200/200/250/ +/- 1%, THDU <2% 200/200/200/200/250/ +/- 1%, THDU <2% Upput voltage/THDU 200/200/200/200/200/250/ +/- 1%, THDU <2% 200/200/200/200/250/ +/- 1%, THDU <2% Upput regetry Up to 5% in Online mode, 99% in HI-Efficiency mode Up to 5% in Online mode, 98% in HI-Efficiency mode Connections Terminal block (up to 10 mm²) 100/160/160 31/150A Outputs Terminal block (up to 16 mm²) Terminal block (up to 16 mm²) 32/25 min SX + 1EBM 60/40 min 42/40 min 34/26 min 32/25 min 22/15 min SX + 1EBM 60/40 min 10/20 min 10/20 min 10/20 min 80/55 min Communication por	Technical Specifications	5kVA	6kVA	8kVA	11kVA		
Technology On-line double conversion with Power Factor Correction (PFC) system 200208/220/230240V/250V Nominal voltage 176-278V with derating (up to 100 – 278V with derating) 200/208/220/230/240V /-1%; THDU <2% 200/208/220/230/240V /250V /-1%; THDU / 2% Output voltage/THDU 200/208/220/230/240V /-1%; THDU -2% 200/208/220/230/240V /250V /-1%; THDU -2% 200/208/220/230/240V /250V /-1%; THDU -2% Efficiency Up to 94% in Online mode, 98% in Hi-Efficiency mode Up to 95% in Online mode, 98% in Hi-Efficiency mode Efficiency Up to 94% in Online mode, 98% in Hi-Efficiency mode Up to 95% in Online mode, 98% in Hi-Efficiency mode Creat factor/short circuit current 3:190A 3:1/20A 3:1/120A Connections 102-110%: 120s, 110-125% (68, 125-150%: 10s, >150%; 500ms 102-110%: 10s, 110-125% (68, 125-150%: 10s, >150%; 500ms Connections Terminal black (up to 10 mm?) Terminal black (up to 16mm?) 102/108 min Dutputs Terminal black 12 controlled groups of 4 IEC C13 (10A) + 2 IEC C19 (16A) Terminal black 105/10 min SSX + 1EBM 6040 min 48/24 min 38/25 min 22/15 min SSX + 1EBM 60404 min 18/24 min 38/25 min 22/15 min <td< th=""><th>Rating (kVA/kW)</th><th>5kVA/4.5kW</th><th>6kVA/5.4kW</th><th>8kVA/7.2kW</th><th>11kVA/10kW</th></td<>	Rating (kVA/kW)	5kVA/4.5kW	6kVA/5.4kW	8kVA/7.2kW	11kVA/10kW		
Nominal voltage 200/208/220/230/240V 200/208/220/230/240V/250V Input voltage range 178-78V without derating (up to 100-78V with derating) 200/208/220/230/240/240V v/-1%; THDU -2% Unput voltage rAnge 200/208/220/230/240/240V v/-1%; THDU -2% 200/208/220/230/240/240V v/-1%; THDU -2% Input frequency range/THDI 40-70H; 2006Hz autoselection, frequency converter as standard, THDI - 5% 200/208/220/230/240/240V v/-1%; THDU -2% Efficiency Up to 94% in Online mode, 98% in Hi-Efficiency mode Up to 95% in Online mode, 98% in Hi-Efficiency mode Crest factor/short circuit current 3:1/90A 3:1/90A 3:1/90A Overload capacity 102-110% : 120e, 110-125%; 60e, 125-150%; 500ms 102-110% : 120e, 110-125%; 60e, 125-150%; 500ms Connections Terminal block (up to 10m m) Terminal block (up to 10m m) 201/50 min Uputs Terminal block (up to 10m m) Terminal block (up to 10m m) 201/50 min SSX 13/10 min 1/2 min 15/10 min 9/5 min SSX + 1EBM 6040 min 48/24 min 38/25 min 22/15 min SSX + 1EBM 6040 min 48/24 porticular selectable), automatic battery test, deep discharge protection, automatic recognition of external battery u	Electrical Characteristics						
Input voltage range 176-276V without derating (up to 100–276V with derating) 200/208/220/202/240/250V +/- 1%, THDU -2% Output voltage/THDU 200/208/220/230/240V +/- 1%, THDU -2% 200/208/220/230/240/250V +/- 1%, THDU -2% Input froquency range/THDU 40-70Hz, 500/042 wassaleción, froquency convorter as standard, THDI <5%	Technology	On-line double conversion with I	Power Factor Correction (PFC) system				
Output voltage/THDU 200/208/220/230/240V +/- 1%; THDU <2%	Nominal voltage	200/208/220/230/240V		200/208/220/230/240V/250V			
Input frequency range/THDI 40-70Hz, 50/60Hz autoselection, frequency converter as standard, THDI < 5% Efficiency Up to 94% in Online mode, 98% in Hi-Efficiency mode Up to 95% in Online mode, 98% in Hi-Efficiency mode Crest factor/short circuit current 3:1/90A 3:1/150A 3:1/120A 3:1/120A 3:1/150A Overload capacity 102–110% : 120s, 110–125% : 60s, 125–150% : 10s, >150% : 500ms 102–110% : 120s, 110–125% : 60s, 125–150% : 10s, >150% : 900ms Connections Connections Terminal block (up to 10 mm ²) Terminal block (up to 10 mm ²) Duptuts Terminal block (up to 10 mm ²) Terminal block k = 2 controlled groups of 4 IEC C13 (10A) + 2 IEC C19 (16A) Terminal block k Batteries Typical backup times at 50 and 70% load* 95X 1 13/10 min 11/8 min 15/10 min 9/5 min 95X + 1EBM 60/40 min 48/34 min 38/25 min 22/15 min 95X + 4 EBM 220/150 min 170/120 min 120/82 min 80/95 min Battery management ABM ⁶ and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units. Communication ports 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 mini terminal block for remote 0 for Off and 1 for remote power 0ff. Communication slot 1 slot for Network-MS card, ModBus-MS or Relay-MS cards. Operating conditions, standards and approvals 245/B <450B <480B <500b Safety IEC/EN 62040 - 2, FCC Class A, IEC/EN 62040 - 3 (Performance) Approvals CE/EN 62040 - 2, FCC Class A, IEC/EN 62040 - 3 (Performance) Approvals CE/EN 62040 - 2, FCC Class A, IEC/EN 62040 - 3 (Performance) Approvals CE/EN 62040 - 2, FCC Class A, IEC/EN 62040 - 3 (Performance) Approvals CE/EN 62040 - 2, FCC Class A, IEC/EN 62040 - 3 (Performance) Approvals CE/EN 62040 - 2, FCC Class A, IEC/EN 62040 - 3 (Performance) Approvals CE/EN 62040 - 2, FCC Class A, IEC/EN 62040 - 3 (Performance) Approvals CE/EN 62040 - 2, FCC Class A, IEC/EN 62040 - 3 (Performance) Approvals CE/EN 62040 - 2, FCC Class A, IEC/EN 6	Input voltage range	176-276V without derating (up to	100–276V with derating)				
Efficiency Up to 94% in Online mode, 98% in Hi-Efficiency mode Up to 95% in Online mode, 98% in Hi-Efficiency mode Crest factor/short circuit current 3:1/90A 3:1/90A 3:1/120A 3:1/150A Overload capacity 102-110% : 120s, 110-125% : 60s, 125-150% : 10s, >150% : 500ms 102-110% : 120s, 110-125% : 60s, 125-150% : 10s, >150% : 900ms Connection Terminal block (up to 10 mm²) Terminal block (up to 10 mm²) Terminal block (up to 10 mm²) Datputs Terminal block + 2 controlled groups of 4 IEC C13 (10A] + 2 IEC C19 (116A) Terminal block Terminal block State Terminal block + 2 controlled groups of 4 IEC C13 (10A] + 2 IEC C19 (116A) Terminal block Terminal block State Terminal block + 2 controlled groups of 4 IEC C13 (10A] + 2 IEC C19 (116A) Terminal block Terminal block State Terminal block + 2 controlled groups of 4 IEC C13 (10A] + 2 IEC C19 (116A) Terminal block Terminal block State Terminal block with each and 70% load* Terminal block with each and 70% load* State State TeRM 20/150 min 11/10 min 15/10 min 9/5min State TeRM* and Temperature compensated charging method (user selectable), automatic batery test, deep di	Output voltage/THDU	200/208/220/230/240V +/- 1%; TH	DU <2%	200/208/220/230/240/250V +/- 1%; THDU <2%			
Creat factor/short circuit current 3:1/90A 3:1/90A 3:1/90A 3:1/120A 3:1/120A <t< td=""><td>Input frequency range/THDI</td><td>40-70Hz, 50/60Hz autoselection, fre</td><td colspan="3">40-70Hz, 50/60Hz autoselection, frequency converter as standard, THDI < 5%</td></t<>	Input frequency range/THDI	40-70Hz, 50/60Hz autoselection, fre	40-70Hz, 50/60Hz autoselection, frequency converter as standard, THDI < 5%				
Overload capacity 102–110% : 120s, 110–125%: 60s, 125–150%: 10s, >150%: 500ms 102–110%: : 120s, 110–125%: 60s, 125–150%: 10s, >150%: 500ms Connections Terminal block (up to 10 mm') Terminal block (up to 10 mm') Terminal block (up to 10 mm') Outputs Terminal block + 2 controlled groups of 4 IEC C13 (10A) + 2 IEC C19 (16A) Terminal block Terminal block Batteries Terminal block + 2 controlled groups of 4 IEC C13 (10A) + 2 IEC C19 (16A) Terminal block 2/21 min SSX 13/10 min 11/8 min 15/10 min 9/5min SSX + 1 EBM 60/40 min 48/34 min 38/25 min 2/21 min Battery management Communication of external battery units. Terminal block for remote 0n 0/55 min Communication ports 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 min terminal block for remote 0n Off and 1 for remote power Off. Communication 0ff as terminal block for remote 0n Operating conditions, standards and approval 105 def C continuous catego def C continuous catego def C continuous catego def C continuous Operating temperature C(EN 62040-2, EC C Class A, IEC/EN 62040-3 (Performance) catego def C continuous catef C continuous<	Efficiency	Up to 94% in Online mode, 98% i	n Hi-Efficiency mode	Up to 95% in Online mode, 98% in	Hi-Efficiency mode		
Connections Terminal block (up to 10 mm²) Terminal block (up to 16 mm²) Outputs Terminal block (up to 10 mm²) Terminal block Terminal block Batteries Typical backup times at 50 and 70% load* Terminal block Terminal block SSX 13/10 min 11/8 min 15/10 min 9/5min SSX 13/10 min 11/8 min 15/10 min 9/5min SSX + LEBM 60/40 min 48/34 min 38/25 min 22/15 min SSX + 4 EBM 220/150 min 17/10 20 min 12/082 min 80/55 min Battery management ABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units. Communication automatic test of the second of	Crest factor/short circuit current	3:1/90A	3:1/90A	3:1/120A	3:1/150A		
Input Terminal block (up to 10 mm ³) Terminal block (up to 16 mm ³) Outputs Terminal block + 2 controlled groups of 4 IEC C13 (10A) + 2 IEC C19 (16A) Terminal block Batteries Terminal block + 2 controlled groups of 4 IEC C13 (10A) + 2 IEC C19 (16A) Terminal block By Carrier Controlled groups of 4 IEC C13 (10A) + 2 IEC C19 (16A) Terminal block Terminal block Batteries Terminal block + 2 controlled groups of 4 IEC C13 (10A) + 2 IEC C19 (16A) Terminal block By Carrier Controlled Groups of 4 IEC C13 (10A) + 2 IEC C19 (16A) Terminal block 95min SX + 1 EBM 60/40 min 48/34 min 38/25 min 22/15 min SX + 4 EBM 220/150 min 170/120 min 120/82 min 80/55 min Battery management ABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units: Terminal block for remote 0n, 0f and 1 for remote power Off. Communication ports 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 min terminal block for remote 0n, 0f and 1 for remote power Off. Terminal block dup of the mote power Off. Operating conditions, standards and approval 400 40 °C continuous 480 °C continuo	Overload capacity	102–110% : 120s, 110–125%: 60s,	125–150%: 10s, >150%: 500ms	102–110% : 120s, 110–125%: 60s, 12	5–150%: 10s, >150%: 900ms		
Outputs Terminal block + 2 controlled groups of 4 IEC C13 (10A) + 2 IEC C19 (16A) Terminal block Batteries Typical backup times at 50 and 70% load* SX 13/10 min 11/8 min 15/10 min 9/5min SSX 13/10 min 11/8 min 15/10 min 9/5min 22/15 min SSX + 1 EBM 60/40 min 48/34 min 38/25 min 22/15 min SSX + 4 EBM 220/150 min 170/120 min 120/82 min 80/55 min Battery management ABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units. Tormatica battery test, deep discharge protection, automatic battery test, deep discharge protection, automatic battery test, deep discharge protection, automatic of method fuser selectable), automatic battery test, deep discharge protection, automatic method fuser selectable), automatic battery test, deep discharge protection, automatic method fuser selectable), automatic battery test, deep discharge protection, automatic method fuser selectable), automatic battery test, deep discharge protection, automatic fuser selectable), automatic battery test, deep discharge protection, automatic fuser selectable), automatic battery test, deep discharge protection, automatic fuser selectable), automatic battery test, deep discharge protection, automatic fuser selectable), automatic battery test, deep discharge protection, automatic fuser selectable), automatic battery test, deep discharge protectable, fuser selectab	Connections						
Batteries Typical backup times at 50 and 70% load* SSX 13/10 min 11/8 min 15/10 min 9/5min SSX 13/10 min 48/34 min 38/25 min 22/15 min SSX + 1 EBM 60/40 min 48/34 min 38/25 min 22/15 min SSX + 4 EBM 220/150 min 170/120 min 120/82 min 80/55 min Battery management ABM* and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units. Communication 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 mini terminal block for remote 0 n Off and 1 for remote power 0ff. Communication slot 1 slot for Network-MS card, ModBus-MS or Relay-MS cards. Operating temperature 0 to 40°C continuous Noise level <45dB	Input	Terminal block (up to 10 mm ²)		Terminal block (up to 16mm²)			
Typical backup times at 50 and 70% load* 9SX 13/10 min 11/8 min 15/10 min 9/5min 9SX 13/10 min 48/34 min 38/25 min 22/15 min 9SX + 1 EBM 60/40 min 48/34 min 38/25 min 22/15 min 9SX + 4 EBM 220/150 min 170/120 min 120/82 min 80/55 min Battery management ABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units. 80/55 min Communication Communication ports 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 mini terminal block for remote 0n Off and 1 for remote power Off. Communication slot 1 use for Network-MS card, ModBus-MS cards. Operating conditions, standards and approvals Use disc of Reference South a set or Network-MS card, NodBus-MS cards. Operating conditions, standards and approvals South a set or Network-MS card, NodBus-MS cards. Operating temperature 0 to 40°C continuous Note set or Note South a set or Netw	Outputs	Terminal block + 2 controlled gro	Terminal block + 2 controlled groups of 4 IEC C13 (10A) + 2 IEC C19 (16A)		Terminal block		
SSX 13/10 min 11/8 min 15/10 min 9/5min SSX + 1 EBM 60/40 min 48/34 min 38/25 min 22/15 min SSX + 4 EBM 220/150 min 170/120 min 120/82 min 80/55 min Battery management ABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units. Communication 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 mini terminal block for remote On Off and 1 for remote power Off. Communication slot 1 slot for Network-MS card, ModBus-MS or Relay-MS cards. Operating conditions, standards and approvals Operating temperature Noise level <45dB	Batteries						
SX + 1 EBM60/40 min48/34 min38/25 min22/15 minSX + 4 EBM220/150 min170/120 min120/82 min80/55 minBattery managementABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units.For any comparison of external battery units.Communication1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 min terminal block for remote On Off and 1 for remote power Off.Communication slot1 slot for Network-MS card, ModBus-MS or Relay-MS cards.Operating temperature0 to 40°C continuousNoise level<45dB	Typical backup times at 50 and 70% load*						
SSX + 4 EBM 220/150 min 170/120 min 120/82 min 80/55 min Battery management ABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units. Solve the selectable interval to the selectable interv	9SX	13/10 min	11/8 min	15/10 min	9/5min		
ABM® and Temperature compensated charging method (user selectable), automatic battery test, deep discharge protection, automatic recognition of external battery units. Communication 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 mini terminal block for remote On Off and 1 for remote power Off. Communication ports 1 uset for Network-MS card, ModBus-MS or Relay-MS cards. Operating conditions, standards and approvals	9SX + 1 EBM	60/40 min	48/34 min	38/25 min	22/15 min		
Battery management recognition of external battery units. Initial and the second of external battery units. Communication 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 mini terminal block for remote On Off and 1 for remote power Off. Communication ports 1 slot for Network-MS card, ModBus-MS or Relay-MS cards. Operating conditions, standards and approvals	9SX + 4 EBM	220/150 min	170/120 min	120/82 min	80/55 min		
Communication ports 1 USB port, 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously), 4 dry contacts (DB9), 1 miniterminal block for remote on off. Communication slot 1 slot for Network-MS card, ModBus-MS or Relay-MS cards. Operating conditions, standards and approvals 0 to 40°C continuous Operating temperature 0 to 40°C continuous Noise level <45dB	Battery management						
Communication poins Off and 1 for remote power Off. Communication slot 1 slot for Network-MS card, ModBus-MS or Relay-MS cards. Operating conditions, standards and approvals Communication slot Second Sec	Communication						
Operating conditions, standards and approvals Operating temperature 0 to 40°C continuous Noise level <45dB	Communication ports		JSB and RS232 ports cannot be used sin	nultaneously), 4 dry contacts (DB9), 1 r	nini terminal block for remote On/		
Operating temperature O to 40°C continuous Noise level <45dB	Communication slot	1 slot for Network-MS card, ModBus-MS or Relay-MS cards.					
Noise level <45dB <45dB <48db <50db Safety IEC/EN 62040-1, UL 1778, CSA 22.2	Operating conditions, standards and app	rovals					
Safety IEC/EN 62040-1, UL 1778, CSA 22.2 EMC, performance IEC/EN 62040-2, FCC Class A, IEC/EN 62040-3 (Performance) Approvals CE, CB report (TUV), UL Dimensions H x W x D/Weight 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/68kg EBM 440(19")*130(3U)*645mm/68kg 440(19")*130(3U)*645mm/68kg 440(19")*130(3U)*680mm/65kg 440(19")*130(3U)*680mm/65kg Power module – 440(19")*130(3U)*700mm/19kg 440(19")*130(3U)*700mm/21kg Customer Service and Support – – 440(19")*130(3U)*700mm/19kg	Operating temperature	0 to 40°C continuous					
EMC, performance IEC/EN 62040 - 2 , FCC Class A, IEC/EN 62040-3 (Performance) Approvals CE, CB report (TUV), UL Dimensions H x W x D/Weight 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/68kg 440(19")*130(3U)*680mm/65kg 440(19")*130(3U)*700mm/19kg 440(19")*130(3U)*700mm/21kg Power module - - 440(19")*130(3U)*700mm/19kg 440(19")*130(3U)*700mm/21kg Customer Service and Support - - - - -	Noise level	<45dB	<45dB	<48db	<50db		
Approvals CE, CB report (TUV), UL Dimensions H x W x D/Weight 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/48kg 440(19")*260(6U)*700mm/84kg 440(19")*260(6U)*700mm/86kg UPS 440(19")*130(3U)*645mm/68kg 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*680mm/65kg 440(19")*130(3U)*680mm/65kg EBM 440(19")*130(3U)*645mm/68kg 440(19")*130(3U)*660mm/65kg 440(19")*130(3U)*680mm/65kg Power module – – 440(19")*130(3U)*700mm/19kg 440(19")*130(3U)*700mm/21kg Customer Service and Support – – – – –	Safety	IEC/EN 62040-1, UL 1778, CSA 22	IEC/EN 62040-1, UL 1778, CSA 22.2				
Dimensions H x W x D/Weight 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/48kg 440(19")*260(6U)*700mm/84kg 440(19")*260(6U)*700mm/86kg UPS 440(19")*130(3U)*685mm/48kg 440(19")*130(3U)*685mm/48kg 440(19")*260(6U)*700mm/84kg 440(19")*260(6U)*700mm/86kg EBM 440(19")*130(3U)*645mm/68kg 440(19")*130(3U)*680mm/65kg 440(19")*130(3U)*680mm/65kg Power module – – 440(19")*130(3U)*700mm/19kg 440(19")*130(3U)*700mm/21kg Customer Service and Support – – – – –	EMC, performance	IEC/EN 62040 -2 , FCC Class A, IEC/EN 62040-3 (Performance)					
UPS 440(19'')*130(3U)*685mm/48kg 440(19'')*130(3U)*685mm/48kg 440(19'')*260(6U)*700mm/84kg 440(19'')*260(6U)*700mm/84kg 440(19'')*260(6U)*700mm/84kg 440(19'')*130(3U)*680mm/65kg 440(19'')*130(3U)*680mm/65kg 440(19'')*130(3U)*680mm/65kg 440(19'')*130(3U)*680mm/65kg 440(19'')*130(3U)*680mm/65kg 440(19'')*130(3U)*680mm/65kg 440(19'')*130(3U)*680mm/65kg 440(19'')*130(3U)*680mm/65kg 440(19'')*130(3U)*680mm/65kg 440(19'')*130(3U)*700mm/19kg 440(19'')*130(3U)*700mm/21kg Power module - - 440(19'')*130(3U)*700mm/19kg 440(19'')*130(3U)*700mm/21kg Customer Service and Support - - - - -	Approvals	CE, CB report (TUV), UL					
EBM 440(19")*130(3U)*645mm/68kg 440(19")*130(3U)*645mm/68kg 440(19")*130(3U)*680mm/65kg 440(19")*130(3U)*680mm/65kg Power module - - 440(19")*130(3U)*700mm/19kg 440(19")*130(3U)*700mm/21kg Customer Service and Support - - 440(19")*130(3U)*700mm/19kg 440(19")*130(3U)*700mm/21kg	Dimensions H x W x D/Weight						
Power module – – 440(19")*130(3U)*700mm/19kg 440(19")*130(3U)*700mm/19kg Customer Service and Support – 440(19")*130(3U)*700mm/19kg 440(19")*130(3U)*700mm/19kg	UPS	440(19")*130(3U)*685mm/48kg	440(19'')*130(3U)*685mm/48kg	440(19'')*260(6U)*700mm/84kg	440(19")*260(6U)*700mm/86kg		
Customer Service and Support	EBM	440(19")*130(3U)*645mm/68kg	440(19'')*130(3U)*645mm/68kg	440(19'')*130(3U)*680mm/65kg	440(19")*130(3U)*680mm/65kg		
	Power module	-		440(19'')*130(3U)*700mm/19kg	440(19")*130(3U)*700mm/21kg		
Warranty 2 years warranty	Customer Service and Support						
	Warranty	2 years warranty					

* Runtimes are shown at 0.7 power factor. Backup times are approximate and may vary with equipment, configuration, battery age, temperature, etc

Parts Numbers	9SX 5kVA	9SX 6kVA	9SX 8kVA	9SX 11kVA
UPS	_	_	9SX8Ki	9SX11Ki
UPS with Rack Kit	9SX5KiRT	9SX6KiRT	9SX8KiRT	9SX11KiRT
EBM	_	_	9SXEBM240	9SXEBM240
EBM with Rack Kit	9SXEBM180RT	9SXEBM180RT	_	_
Power Module	_	_	9SX8KiPM	9SX11KiPM
HotSwap Maintenance ByPass	MBP6Ki	MBP6Ki	MBP11Ki	MBP11Ki
Transformer Module	TFMR11Ki	TFMR11Ki	TFMR11Ki	TFMR11Ki
Supercharger with Rack Kit	_	_	SC240RT	SC240RT
1.8m Battery Connection Cable	EBMCBL180	EBMCBL180	EBMCBL240	EBMCBL240
Battery Integration System	BINTSYS	BINTSYS	BINTSYS	BINTSYS
Rack Kit	9RK	9RK	9RK	9RK

