Eaton 9E UPS

1kVA/2kVA/3kVA/6kVA/10kVA/15kVA/20kVA

Eaton 9E range

LCD display for clear information on the UPS' status and measurements

Advanced protection for:

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

Essential Online UPS

Reliability and performance

- The Eaton 9E constantly monitors power conditions and regulates voltage and frequency due to the online double conversion topology.
- Power more servers than most similar UPSs due to a 0.8 power factor.
- Trust a leading manufacturer with decades of experience and high quality standards: CE compliance certified by external agency (CB report from the TUV).

Manageability

- Get clear information on the UPS' status and measurements (load level, battery level, input/output voltage and frequency) on a single screen with the new LCD interface.
- Easily communicate with the UPS through USB, RS232 serial or over the network with the optional network card (Network-M2). Relay cards or ModBus cards are also available.
- Eaton 9E is compatible with Eaton IPM Editions Software which permits to integrate all major operating systems, leading virtualisation environments and cloud orchestrations tools.

Flexibility

- The internal bypass allows service continuity in case of an internal fault. A maintenance bypass is also available as standard for easy maintenance of the UPS without powering down critical systems.
- Make your installation more flexible with a combo input (3:1 and 1:1) on the 10kVA, 15kVA, and 20kVA.
- Extend runtime as you like by adding up to 4 external battery modules (EBM). For extra-long runtime, XL models with internal supercharger are also available at 3kVA, 10kVA and 20kVA.

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Eaton 9E UPS

1 LCD Interface: Clear information on UPS status and measurements
2 1 USB port + 1 serial port
3 Slot for management card

Eaton 9E, front view

Eaton 9E, rear view

4 Input/Ouput connections
5 External battery module (EBM) connection
6 Casters

TECHNICAL SPECIFICATIONS	1KVA	2KVA	3KVA/3KVA XL	6KVA 1:1	10KVA 1:1 AND 3:1	15KVA 1:1 AND 3:1	20KVA 1:1 AND 3:1
Rating (VA/W)	1kVA/0.8kW	2kVA/1.6kW	3kVA/2.4kW	6kVA/4.8kW	10kVA/8kW	15kVA/12kW	20kVA/16kW
Format	Tower						
Electrical Characteristics							
Technology	Online double conversion						
Input voltage	208/220/230/240V			220/230/240V			
Input voltage range without using batteries	176-300V without derating (up to 100-300V with derating)			176-276V without derating (up to 110-276V with derating)			
Output voltage/THDU	208V*/220V/230V/240V ±1%, THDU: <2%			220V/230V/240V ±2 %, THDU<3%			
Input frequency range	40Hz-70Hz, 50/60 Hz autoselection			45Hz-66Hz, 50/60Hz autoselection			
Efficiency	Up to 91% in Online mode			Up to 93% in Online mode, 97% in ECO mode			
Overload capacity	105%-130% : 60s, 130%-150% : 10s, >150% : ≥ 300ms			105%-110% : 5min, 110%-130% : 1min, 130%-150% : 10s, >150% : 100ms			
Connections							
Input	IEC C14	IEC C14	IEC C20	Terminal block			
Outputs	4 x IEC C13	6 x IEC C13	6 x IEC C13 + 1 x IEC C19	Terminal block			
Typical backup times at 50% and 75% load**							
9E	12/5 min	16/10 min	13/7 min	20/12 min	15 min	16 min	15/9 min
9E + 1 EBM		79/48 min	49/32 min	75/47 min	60/36 min	38/26 min	27/19 min
9E + 4 EBM		243/173 min	173/110 min	222/140 min	170/110 min	117/76 min	82/54 min
Communication							
Communication ports	1 USB port + 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously)						
Communication slot	1 slot for Network M2, ModBus-MS or Relay-MS cards						
Software	Eaton IPM Editions Software						
Operating conditions, Standards and Approvals							
Operating temperature	0 to 40°C						
Noise level	<37 dB @ typical load			<55dB @ typical load			
Safety	IEC/EN 62040-1						
EMC, Performance	IEC/EN 62040-2						
Approvals	CE, CB report (TUV) / EAC						
Dimensions D x H x W / Weight							
UPS Dimensions (mm)	356 x 228 x 144	399 x 330 x 190	399 x 330 x 190	612.9 x 708.5 x262.4	612.9 x 708.5 x262.4	706 x 815.5 x 350	706 x 815.5 x 350
UPS Weight (kg)	9.5	22.4	24.2	68	85.4	145.3	159.9
EBM dimensions (mm)	-	399 x 330 x 190	399 x 330 x 190	579.4 x 708.5 x 262.4	579.4 x 708.5 x 262.4	579.4 x 708.5 x 262.4	579.4 x 708.5 x 262.4
EBM weight (kg)	-	35.8	35.8	105.5	132	132	132
UPS with supercharger (and no batteries) dimensions (mm)	-	-	399 x 330 x 190	-	612.9 x 708.5 x 262.4	-	706 x 815.5 x 350
UPS with supercharger (and no batteries) weight (kg)	-	-	7.9	-	28.9	-	47.8
Customer Service & Support							
Warranty	2 years	2 years	2 years	1 year	1 year	1 year	1 year

* 10% derating @ 208V.

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

PART NUMBERS	1KVA	2KVA	3KVA/3KVA XL	6KVA 1:1	10KVA 1:1 and 3:1	15KVA 1:1 and 3:1	20KVA 1:1 and 3:1
UPS	9E1000I	9E2000I	9E3000I	9E6Ki	9E10Ki	9E15Ki	9E20Ki
EBM	-	9EEBM72	9EEBM72	9EEBM180	9EEBM240	9EEBM480	9EEBM480
UPS with supercharger (and no batteries)	-	-	9E3000IXL	-	9E10KiXL	-	9E20KiXL
Options	Network-M2, ModBus-MS or Relay-MS cards						

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

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