

# Eaton 9E UPS

6kVA/10kVA/15kVA/20kVA



9E 10kVA



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

#### Advanced protection for:

- Infrastructure
- 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-MS). Relay cards or ModBus cards are also available.
- Integrate 9E into all software environments. The Eaton 9E is delivered with Eaton's Intelligent Power™ Software and is compatible with all major OS including advanced integration in VMware vCenter and Microsoft Hyper-V.

##### 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 10kVA and 20kVA.



*Powering Business Worldwide*

# Eaton 9E UPS

- 1 LCD Interface :  
Clear information on UPS  
status and measurements
- 2 1 USB port + 1 serial port
- 3 Slot for Network-MS,  
ModBusMS or Relay-MS cards



Eaton 9E 6Ki



- 4 Input/Maintenance/  
Output connection
- 5 External battery module  
(EBM) terminal block
- 6 Casters

TECHNICAL SPECIFICATIONS		6kVA 1:1	10kVA 1:1 and 3:1	15kVA 1:1 and 3:1	20kVA 1:1 and 3:1
Rating (VA/W)		6kVA/4.8kW	10kVA/8kW	15kVA/12kW	20kVA/16kW
Format		Tower			
Electrical Characteristics					
Technology		Online double conversion			
Input voltage		220/230/240V			
Input voltage range without using batteries		176-276V without derating (up to 110-276V with derating)			
Output voltage/THDU		220V/230V/240V ±2 %, THDU<3%			
Input frequency range		45Hz-66Hz, 50/60Hz autoselection			
Efficiency		Up to 93% in Online mode, 97% in ECO mode			
Short circuit current		82A	137A	205A	273A
Overload capacity		105%-110% : 5min, 110%-130% : 1min, 130%-150% : 10s, >150% : 100ms			
Connections					
Input		Terminal block			
Outputs		Terminal block			
Typical backup times at 50% and 75% load					
9E		20/12	15/9	16/9	15/9
9E + 1 EBM		75/47	60/36	38/26	27/19
9E + 4 EBM		222/140	170/110	117/76	82/54
Communication					
Communication ports		1USB port + 1 RS232 serial port (USB and RS232 ports cannot be used simultaneously)			
Communication slot		1 slot for Network-MS, ModBus-MS or Relay-MS cards			
Software		Intelligent Power Software			
Operating conditions, Standards and Approvals					
Operating temperature		0 to 40°C			
Noise level		<55dB			
Safety		IEC/EN 62040-1			
EMC, Performance		IEC/EN 62040-2			
Approvals		CE, CB report (TUV)			
Dimensions D x H x W / Weight					
UPS Dimensions (mm)		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)		68	85.4	145.3	159.9
EBM dimensions (mm)		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)		105.5	132	132	132
UPS with supercharger (and no batteries) dimensions (mm)	-	612.9 x 708.5 x 262.4		-	706 x 815.5 x 350
UPS with supercharger (and no batteries) weight (kg)	-	28.9		-	47.8
Customer Service & Support					
Warranty		1 year			

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

Part Numbers	6kVA 1:1	10kVA 1:1 or 3:1	15kVA 1:1 or 3:1	20kVA 1:1 or 3:1
UPS	9E6Ki	9E10Ki	9E15Ki	9E20Ki
EBM	9EEBM180	9EEBM240	9EEBM480*	9EEBM480*
UPS with supercharger (and no batteries)	-	9E10KiXL	-	9E20KiXL
Options	Network-MS, ModBus-MS or Relay-MS cards			

In the interests of continuous product improvement, all specifications are subject to change without notice.  
\* available September 2014.