Eaton 9E UPS
1000-3000VA

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

Essential Online UPS

Reliability and performance

- The Eaton 9E UPS constantly monitors power conditions and regulates voltage and frequency thanks to the double conversion topology
- Trust a leading manufacturer with decades of experience and high quality standards: CE compliance certified by external agency (CB report from the TUV)
- Power more servers than most similar UPS because of a 0.8 power factor
- Low audible noise <40dB at typical load
- Wide input voltage range will minimize the battery usage and help to extend battery lifetime.

Manageability

- Get clear information on the UPS' measurements (load level, battery level, input/output voltage and frequency) and synoptic diagram for UPS' status 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 (NetworkMS). 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
- Extend runtime as you like by adding up to 4 external battery modules (EBM) for 2kVA and above. For extra-long runtime, XL models with internal supercharger are also available at 3kVA
- An addition to previously launched 9E 6-20kVA, Eaton 9E is now available in a wide range of 1kVA to 20kVA

Advanced protection for:
- ATM
- Infrastucture
- Industrial and Medical IT
- Networking
- Storage
- Telecom
- Transportation

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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 Network-MS, Modbus-MS or
    Relay-MS cards

4   External Battery Module (EBM) connector
5   IEC Outlets
6   IEC Inputs

TECHNICAL SPECIFICATIONS	1000	2000	3000	3000VA XL
Rating (VA/W)	1000VA / 800W	2000VA / 1600W	3000VA / 2400W	3000VA / 2400W
Format	Tower			
Electrical Characteristics				
Technology	Online double conversion			
Input Voltage	208 / 220 / 230 / 240V			
Input voltage range without using batteries	100 – 300V			
Output voltage	208 / 220 / 230 / 240V ±1 %			
Output THDU	<2% for 100% linear load, <6% for 100% non-linear load			
Input frequency range	40Hz – 70Hz, 50 / 60Hz autoselection			
Efficiency at inverter mode	up to 91% in online mode, up to 97.5% in high efficiency mode (ECO mode)			
Overload capacity (in on-line mode)	105% – 130% : 60s, 130% – 150% : 10s, >150% : ≥300ms			
Recharge time to 90% battery capacity	4 hours	4 hours	4 hours	depends on external battery
Extendable backup time	NA	YES	YES	YES
Compatible EBM type	NA	9EEBM72	9EEBM72	9EEBM72
Connections				
Input	IEC C14	IEC C14	IEC C20	IEC C20
Output	4 x IEC C13	6 x IEC C13	6 x IEC C13 + 1 x IEC C19	6 x IEC C13 + 1 x IEC C19
Typical backup times at 50%/100% Load (minutes)				
9E	11 / 4.5	16 / 6.4	13.4 / 4.7	NA
9E + 1 EBM	NA	78 / 35	49 / 22	31 / 12
9E + 4 EBM	NA	243 / 119	173 / 83	152 / 73
Communication				
Communication ports	1 USB 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	37dB @ typical load	40dB @ typical load	40dB @ typical load	40dB @ typical load
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)	356 x 228 x 144	399 x 330 x 190	399 x 330 x 190	399 x 330 x 190
UPS Weight (kg)	9.5kg	22.4kg	24.2kg	7.9kg
EBM dimensions (mm) (for 2000 / 3000VA)		399 x 330 x 190		
EBM weight (kg)		35.8kg		
Customer service & support				
Warranty	3 years on electronics, 2 years on batteries			

For more information, please visit http://powerquality.eaton.com/sea/

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