

# Eaton 9E Rack

## 1kVA/2kVA/3kVA



9E Rack is available from 1 to 3kVA, all models are delivered with rack kit as standard.

#### Advanced protection for:

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



### Essential Online Rack UPS

#### Reliability

- The Eaton 9E Rack constantly monitors power conditions and regulates voltage and frequency thanks to the online double conversion topology.
- The internal bypass allows service continuity in case of internal fault; a maintenance bypass is also available (as an option) for easy replacement of the UPS without powering down critical loads.
- Trust a leading manufacturer with decades of experience and high-quality standards: CE compliance certified by external agency (CB report).

#### Flexibility

- With a 0.9 power factor the 9E Rack can power more servers and follows the trend of modern power supplies.
- Backup time can be increased with up to 4 external battery modules (2 & 3kVA models), running systems for hours if necessary.
- Batteries are replaceable from the front panel without removing the UPS from the rack enclosure.

#### Manageability

- Available in 6 languages the 9E Rack LCD display allows easy access to UPS status, measurements and configuration capabilities.
- Easily communicate with the UPS through USB, RS232 serial or over the network with the optional gigabit network card (Network-M3). A RPO port is also available on all models.
- Eaton 9E Rack is compatible with Eaton Brightlayer software suite which permits to integrate all major operating systems, leading virtualization environments and cloud orchestrations tools.



*Powering Business Worldwide*

Eaton 9E Rack

- 1 Multilingual LCD Interface
- 2 1 USB port + 1 serial port
- 3 Slot for Network-M3, INDGW-M2 or Relay-MS cards



Eaton 9E3000IR

- 4 Remote Power Off (RPO) connector
- 5 Output sockets
- 6 Input connection

| TECHNICAL SPECIFICATIONS                      |  | 1000VA                                                                                       |         | 2000VA                                             |        | 3000VA                                           |       |
|-----------------------------------------------|--|----------------------------------------------------------------------------------------------|---------|----------------------------------------------------|--------|--------------------------------------------------|-------|
| Rating (VA/W)                                 |  | 1000VA/900W                                                                                  |         | 2000VA/1800W                                       |        | 3000VA/2700W                                     |       |
| Format                                        |  | Rack 2U                                                                                      |         |                                                    |        |                                                  |       |
| Electrical Characteristics                    |  |                                                                                              |         |                                                    |        |                                                  |       |
| Technology                                    |  | On-line double conversion with Power Factor Correction (PFC) system                          |         |                                                    |        |                                                  |       |
| Nominal voltage                               |  | 200/208/220/230/240V                                                                         |         |                                                    |        |                                                  |       |
| Input voltage range                           |  | 190-276V without derating (120-276V with derating)                                           |         | 200-276V without derating (140-276V with derating) |        |                                                  |       |
| Input frequency range                         |  | 40-70Hz, 50/60Hz autoselection, frequency converter mode                                     |         |                                                    |        |                                                  |       |
| Connections                                   |  |                                                                                              |         |                                                    |        |                                                  |       |
| Input                                         |  | 1 IEC C14 (10A)                                                                              |         | 1 IEC C14 (10A)                                    |        | 1 IEC C20 (16A)                                  |       |
| Outputs                                       |  | 4 IEC C13 (10A) sockets                                                                      |         | 6 IEC C13 (10A) sockets                            |        | 6 IEC C13 (10A) sockets + 1 IEC C19 (16A) socket |       |
| Batteries                                     |  |                                                                                              |         |                                                    |        |                                                  |       |
| Typical backup times* (minutes)/load          |  | 300W                                                                                         | 500W    | 800W                                               | 1200W  | 1800W                                            | 2500W |
| 9E 1000 Rack                                  |  | 24                                                                                           | 13      | 7                                                  |        |                                                  |       |
| 9E 2000 Rack                                  |  | 42                                                                                           | 25      | 14                                                 | 8      | 4.5                                              |       |
| 9E 2000 Rack + 1 EBM/+4 EBM                   |  | 210/800                                                                                      | 120/480 | 72/270                                             | 45/175 | 30/118                                           |       |
| 9E 3000 Rack                                  |  | 57                                                                                           | 33      | 20                                                 | 12     | 7                                                | 4     |
| 9E 3000 Rack + 1 EBM/+4 EBM                   |  | 220/820                                                                                      | 125/490 | 77/280                                             | 50/180 | 32/121                                           | 22/81 |
| Battery management                            |  | Temperature compensated charging method , Automatic battery test, deep discharge protection. |         |                                                    |        |                                                  |       |
| Communication                                 |  |                                                                                              |         |                                                    |        |                                                  |       |
| Communication ports                           |  | 1 USB port + 1 serial RS232 port + 1 mini-terminal block for Remote Power Off                |         |                                                    |        |                                                  |       |
| Communication slot                            |  | 1 slot for Network-M3, INDGW-M2 or Relay-MS cards                                            |         |                                                    |        |                                                  |       |
| Operating conditions, Standards and Approvals |  |                                                                                              |         |                                                    |        |                                                  |       |
| Operating temperature                         |  | 0 to 40°C                                                                                    |         |                                                    |        |                                                  |       |
| Typical noise level                           |  | 41dB                                                                                         |         | 45dB                                               |        | 45dB                                             |       |
| Safety                                        |  | EN IEC 62040-1:2019                                                                          |         |                                                    |        |                                                  |       |
| EMC                                           |  | IEC 62040-2:2016, EN IEC 62040-2:2006                                                        |         |                                                    |        |                                                  |       |
| Approvals & Marking                           |  | CE, CB Report                                                                                |         |                                                    |        |                                                  |       |
| Dimensions H x W x D in mm/Weight             |  |                                                                                              |         |                                                    |        |                                                  |       |
| UPS                                           |  | 86.5*438*438/17.6kg                                                                          |         | 86.5*438*608/29.9kg                                |        | 86.5*438*608/31.3kg                              |       |
| EBM                                           |  |                                                                                              |         | 86.5*438*608/41.6kg                                |        |                                                  |       |
| Customer Service & Support                    |  |                                                                                              |         |                                                    |        |                                                  |       |
| Warranty                                      |  | 2 years                                                                                      |         |                                                    |        |                                                  |       |

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

| Part Numbers | 9E 1000 Rack | 9E 2000 Rack | 9E 3000 Rack |
|--------------|--------------|--------------|--------------|
| UPS Rack 2U  | 9E1000IR     | 9E2000IR     | 9E3000IR     |
| EBM Rack 2U  | -            | 9EEBM72R     | 9EEBM72R     |