ACE EDGE 1KVA

# EURONET ACE EDGE UPS – 1000VA / 1000W

## Online Double-Conversion UPS | 2U Rack / Tower



| CAPACITY | REAL POWER |
|---|---|
| 1000VA | 1000W |
| EFFICIENCY (HV MODE) | TRANSFER TIME |
| 92% | 0ms |
| INTERNAL BATTERY | OUTPUT THD (LINEAR) |
| 12V/9AH ×4 | <2% |

### OVERVIEW

The EURONET ACE EDGE 1KVA is an online double-conversion 2U rack/tower UPS for server rooms and network cabinets. It delivers 1000VA / 1000W of continuous pure sine wave power with 0ms transfer time, isolating sensitive IT equipment from every power disturbance. Four built-in 12V/9AH batteries recharge to 90% in 4 hours, efficiency reaches 92% (HV mode) and output THD stays below 2% on linear loads. The output is configurable from 200 to 240VAC, with smart RS-232/USB ports and an optional SNMP slot for remote management.

### KEY FEATURES

**Online Double-Conversion**
Continuous AC-DC-AC conversion gives 0ms transfer and full isolation from mains power disturbances

**Pure Sine Wave Output**
Clean output with <2% THD on linear loads suits sensitive electronics and active-PFC servers

**92% Efficiency (HV Mode)**
Lowers energy consumption and heat output in always-on server, telecom and network environments

**Four Internal Batteries**
Four built-in 12V/9AH batteries, recharged to 90% in 4 hours with a 1.5A maximum charging current

**Configurable Output Voltage**
Selectable 200/208/220/230/240VAC output for multi-region equipment without hardware changes

**Smart RS-232 / USB + SNMP**
Windows/Linux/macOS software for graceful shutdown, plus an optional SNMP slot for remote monitoring

### TECHNICAL NOTE

1000VA / 1000W online double-conversion UPS, 2U rack/tower. Input single phase with ground, 40–70Hz; low line transfer 160/140/120/110VAC ±3%, high line 300VAC ±3%. Output 200–240VAC configurable, ±1%, PF >0.99, THD <2% linear. Transfer 0ms; inverter to bypass 4ms. Battery 12V/9AH ×4, charging 27.4VDC ±1%, 1.5A max. Efficiency 92% (HV). 310×438×86.2mm, 9.8kg, <50dBA @ 1m.

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# ACE EDGE 1KVA

## PRODUCT TECHNICAL SPECIFICATIONS

| PARAMETER | SPECIFICATIONS |
|---|---|
| **GENERAL** | |
| **Model** | ACE EDGE 1KVA |
| **Series** | ACE EDGE UPS Series |
| **Topology** | Online double conversion |
| **Capacity** | 1000VA / 1000W |
| **Efficiency (HV Mode)** | 92% |
| **Form Factor** | 2U rack / tower |
| **INPUT** | |
| **Input** | Single phase with ground |
| **Input Frequency** | 40–70Hz |
| **Low Line Transfer** | 160/140/120/110VAC ±3% (load-dependent) |
| **High Line Transfer** | 300VAC ±3% |
| **OUTPUT** | |
| **Output Voltage** | 200/208/220/230/240VAC (configurable) |
| **Voltage Regulation** | ±1% (battery mode) |
| **Output Frequency (Battery)** | 50Hz ±0.25Hz or 60Hz ±0.3Hz |
| **Waveform** | Pure sine wave |
| **Power Factor** | >0.99 at nominal voltage |
| **THD** | <2% linear · <4% non-linear load |
| **Crest Ratio** | 3:1 |
| **TRANSFER TIME** | |
| **Line to Battery** | 0ms |
| **Inverter to Bypass** | 4ms typical |

| PARAMETER | SPECIFICATIONS |
|---|---|
| **BATTERY** | |
| **Battery Type & Quantity** | 12V/9AH ×4 · internal |
| **Charging Voltage** | 27.4VDC ±1% |
| **Charging Current** | 1.5A max. |
| **Recharge Time** | 4 hours to 90% |
| **COMMUNICATION** | |
| **Interfaces** | Smart RS-232 / USB |
| **Software** | Windows / Linux / macOS |
| **Network Management** | Optional SNMP slot |
| **PHYSICAL & ENVIRONMENTAL** | |
| **Dimensions** | 310×438×86.2mm |
| **Net Weight** | 9.8kg |
| **Noise** | <50dBA @ 1m |
| **Humidity** | 20–90% RH @ 0–50°C |
| **Overload Capacity** | Not available |
| **Package Size** | Not available |
| **COMPLIANCE** | |
| **Certifications** | CE · RoHS · ISO 9001:2015 |

**Specifications are subject to change without prior notice.*

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