ACE EDGE 2KVA

EURONET ACE EDGE UPS – 2000VA / 2000W

Online Double-Conversion UPS | 2U Rack / Tower



CAPACITY	REAL POWER
2000VA	2000W
EFFICIENCY (HV MODE)	TRANSFER TIME
93%	0ms
INTERNAL BATTERY	OUTPUT THD (LINEAR)
12V/9AH ×4	<2%

OVERVIEW

The EURONET ACE EDGE 2KVA is an online double-conversion 2U rack/tower UPS delivering 2000VA / 2000W of continuous pure sine wave power with 0ms transfer time for server and telecom racks. Up to 93% efficiency (HV mode) reduces energy use and heat in always-on operation, while four built-in 12V/9AH batteries recharge to 90% in 4 hours. The output is configurable from 200 to 240VAC, and smart RS-232/USB ports plus an optional SNMP slot support automatic shutdown and remote monitoring.

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

93% 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

2000VA / 2000W 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 54.7VDC ±1%, 1.5A max. Efficiency 93% (HV). 410×438×86.2mm, 15.9kg, <50dBA @ 1m.

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ACE EDGE 2KVA

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	ACE EDGE 2KVA
Series	ACE EDGE UPS Series
Topology	Online double conversion
Capacity	2000VA / 2000W
Efficiency (HV Mode)	93%
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	54.7VDC ±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	410×438×86.2mm
Net Weight	15.9kg
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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