

PRODUCT CATALOGUE

ACE SERIES UPS

2026



The EURONET ACE Series UPS range delivers enterprise-grade uninterruptible power protection across three tiers — ACE PRO, ACE EDGE, and ACE ULTRA — covering capacities from 700VA to 20KVA. Engineered with advanced microprocessor control, wide-input voltage tolerance, and generator compatibility, each model is designed for reliable operation in offices, data centres, retail environments, and critical infrastructure deployments. The range supports remote monitoring via USB, RS-232, and optional SNMP, and is compatible with the myEuronet management platform. CE, RoHS, and ISO 9001:2015 certified, the ACE Series is distributed across the Middle East, Africa, and Central Asia through EURONET's global partner network of over 3,000 distributors.

POWERING PROGRESS ACROSS THE GLOBE

3000+
Distributors

15+
Industries

60+
Countries & Region

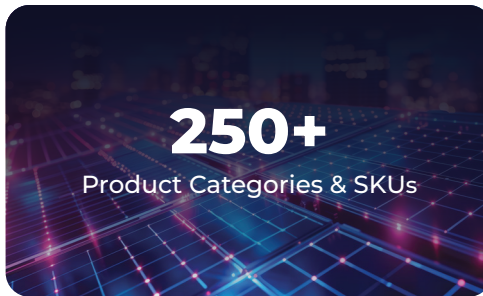
24/7 Intelligent Assistance

Sales Support and
After Sales Support



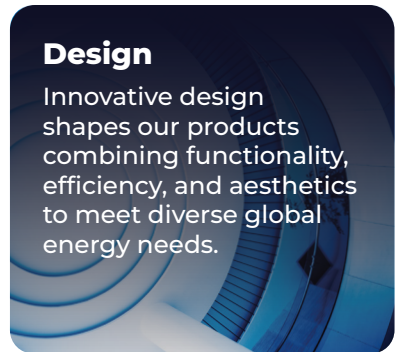
250+

Product Categories & SKUs



Design

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shapes our products
combining functionality,
efficiency, and aesthetics
to meet diverse global
energy needs.



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Certified to meet
global standards



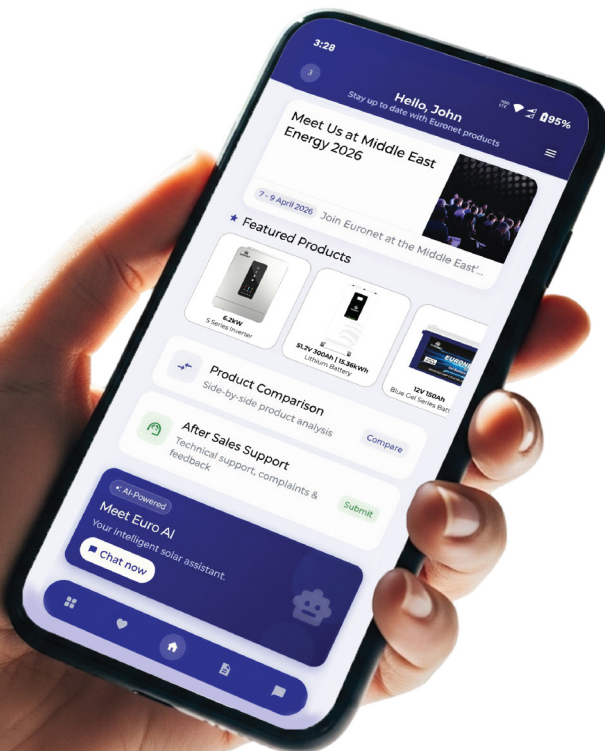
One Stop Ecosystem

Complete digital
ecosystem



20+

Years of Excellence



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ACE Series UPS Product Catalogue 2026

Reliable uninterruptible power solutions for every application

01

ACE PRO Series

- ACE PRO 700VA — 700VA / 360W Tower UPS
- ACE PRO 2KVA — 2000VA / 1200W Tower UPS
- ACE PRO 3KVA — 3000VA / 1800W Tower UPS

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ACE EDGE Series

- ACE EDGE 1KVA — 1000VA / 1000W Rack/Tower
- ACE EDGE 2KVA — 2000VA / 2000W Rack/Tower
- ACE EDGE 3KVA — 3000VA / 3000W Rack/Tower
- ACE EDGE 6KVA — 6000VA / 6000W Rack/Tower
- ACE EDGE 10KVA — 10000VA / 10000W Rack/Tower

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ACE ULTRA Series

- ACE ULTRA 10KVA — 10KVA / 10KW
- ACE ULTRA 20KVA — 20KVA / 20KW

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ACE PRO 700VA

Compact line-interactive tower UPS with built-in AVR stabilisation.



MODEL ACE PRO 700VA	CAPACITY 700VA / 360W
TOPOLOGY Line-Interactive + AVR	INPUT RANGE 140–300VAC
WAVEFORM Simulated Sine Wave	Battery 12V/7AH ×1

[OVERVIEW](#)

The Euronet ACE PRO 700VA is a line-interactive UPS for PCs, workstations, and small networking equipment. It features a microprocessor-controlled 4–8ms transfer response and a built-in AVR to correct voltage fluctuations without draining the battery. With cold-start and auto-restart capabilities, it ensures reliable, unattended power protection against surges and spikes.

[KEY FEATURES](#)

AVR Stabilisation Corrects voltage drops and surges automatically without draining battery power.	4–8ms Transfer Time Ultra-fast switching prevents device crashes or data loss during power failures.
Simulated Sine Wave Provides clean, reliable backup power tailored for standard office electronics.	USB HID Communication Enables automatic, safe computer shutdown via integrated management software.
Intelligent Battery Management Supports cold start and auto-restart for completely hands-free power recovery.	Surge & Overload Protection Built-in fuse shields connected equipment from electrical spikes and sustained overloads.

[TECHNICAL NOTE](#)

Model ACE PRO 700VA. Capacity: 700VA / 360W. Input Voltage: 220/230/240VAC. Input Voltage Range: 140–300VAC. Output Voltage: ±10% (Battery Mode). Waveform: Simulated Sine Wave. Transfer Time: Typical 4–8ms. Battery Type: 12V/7AH ×1. Battery Weight: 1.71kg. Charging Time: 4–6 hours to 90% capacity. Net Weight: 4.2kg. Dimensions: 279×101×142mm. Package Size: 324×140×220mm. Noise Level: Less than 45dB. Humidity: 0–90% RH @ 0–40°C. Communication: USB HID. Power Factor: PF 1.0. Connections: Battery Backup Outlets (A), AC Input (B), Fuse/Circuit Breaker (C), USB Port (D). Specifications subject to change without notice.

ACE PRO 2KVA

Mid-capacity line-interactive tower UPS delivering 1200W with AVR stabilisation.



MODEL
ACE PRO 2KVA

CAPACITY
2000VA / 1200W

TOPOLOGY
**Line-Interactive
+ AVR**

INPUT RANGE
162-290VAC

TRANSFER TIME
Typical 2-6ms

Battery
12V/9AH ×2

OVERVIEW

The Euronet ACE PRO 2KVA is a 1,200W line-interactive tower UPS designed for workstations and small networks. It utilizes automatic voltage regulation (AVR) across a wide 162–290VAC range to stabilize power without draining the dual 12V/9AH batteries. Microprocessor-controlled cold-start and auto-restart features ensure seamless, unattended operation.

KEY FEATURES

AVR Boost & Buck
Corrects under- and over-voltages across 162–290VAC automatically without draining battery power, extending life.

2-6ms Transfer Time
Ultra-fast switching ensures seamless, uninterrupted power continuity for workstations and office networks.

1200W Real Power
Delivers 2000VA / 1200W to fully support multiple workstations and small network stacks from one unit.

Dual Battery Setup
Two 12V/9AH batteries provide extended runtime and fast 4–6 hour recovery to 90% capacity.

USB HID Communication
Enables automated, graceful computer shutdown and seamless compatibility with leading operating systems.

Intelligent Battery Mgmt
Supports cold-start and auto-restart features for reliable, hands-free power recovery in unmanned environments.

TECHNICAL NOTE

Model ACE PRO 2KVA. Capacity: 2000VA / 1200W. Input Voltage: 220/230/240VAC. Input Voltage Range: 162–290VAC. Output Voltage: ±10% (Battery Mode). Waveform: Simulated Sine Wave. Transfer Time: Typical 2–6ms. Battery Type: 12V/9AH ×2. Battery Weight: 2.5kg each. Charging Time: 4–6 hours to 90% capacity. Net Weight: 11kg. Dimensions: 320×130×182mm. Package Size: 390×192×275mm. Noise Level: Less than 45dB. Humidity: 0–90% RH @ 0–40°C. Communication: USB HID. Power Factor: PF 1.0. Specifications subject to change without notice.

ACE PRO 3KVA

High-capacity line-interactive tower UPS delivering 1800W of AVR-regulated protection.



MODEL
ACE PRO 3KVA

CAPACITY
3000VA / 1800W

TOPOLOGY
**Line-Interactive
+ AVR**

INPUT RANGE
162–290VAC

TRANSFER TIME
Typical 2–6ms

Battery
12V/9AH ×2

OVERVIEW

The Euronet ACE PRO 3KVA delivers 3000VA / 1800W of protected power for small business workgroups, servers, and POS systems. It features AVR regulation across a 162–290VAC input range and an integrated microprocessor ensuring a fast 2–6ms transfer response. Front-panel LEDs display real-time status and battery levels, enabling maintenance-free commercial operation.

KEY FEATURES

1800W Real Power
Delivers 3000VA / 1800W, the highest-capacity model, supporting dense workgroups, small NAS.

Wide Input Tolerance
Accepts a 162–290VAC input range, handling unstable grids and generator power without wasting battery life.

AVR Boost & Buck
Automatically corrects voltage fluctuations to safeguard sensitive electronics and prolong battery service life.

LED Status Indication
Front-panel LEDs provide at-a-glance tracking for AC mode, battery mode, load levels, and system faults.

6–2ms Transfer Time
Ultra-fast switching ensures near-seamless backup power for connected servers, workstations, and POS terminals.

Dual Battery Setup
Two 12V/9AH batteries deliver extended backup runtime and recharge quickly to 90% capacity in 4–6 hours.

TECHNICAL NOTE

Model ACE PRO 3KVA. Capacity: 3000VA / 1800W. Input Voltage: 220/230/240VAC. Input Voltage Range: 162–290VAC. Output Voltage: ±10% (Battery Mode). Waveform: Simulated Sine Wave. Transfer Time: Typical 2–6ms. Battery Type: 12V/9AH ×2. Battery Weight: 2.8kg each. Charging Time: 4–6 hours to 90% capacity. Net Weight: 13.6kg. Dimensions: 397×146×205mm. Package Size: 490×230×287mm. Noise Level: Less than 45dB. Humidity: 0–90% RH @ 0–40°C. Communication: USB HID. Power Factor: PF 1.0. LED Indicators: UPS Status (AC Mode: Green / Battery Mode: Green Flashing), Load/Battery Level, Fault: Red. Controls: Power Switch. Connections: Output Receptacles (1), AC Input (2), Circuit Breaker (3), USB Comm Port (4). Specifications subject to change without notice.

ACE EDGE 1KVA

Entry-level online double-conversion rack/tower UPS with pure sine wave output .



MODEL ACE EDGE 1KVA	CAPACITY 1000VA / 1000W
TOPOLOGY Online Double Conversion	EFFICIENCY 92% (HV Mode)
BATTERY 12V/9AH ×4	Form Factor 2U Rack / Tower

OVERVIEW

The Euronet ACE EDGE 1KVA is an online double-conversion, rack/tower UPS for server rooms and network cabinets. It delivers continuous pure sine wave power with zero transfer time, ensuring seamless protection for sensitive IT infrastructure. With advanced digital control, low harmonic distortion (<2% linear THD), and USB/RS-232 ports (plus optional SNMP), it guarantees clean, easily managed power.

KEY FEATURES

Online Double-Conversion

Continuous AC-DC-AC conversion ensures zero transfer time and complete isolation from power disturbances.

Pure Sine Wave Output

Guarantees full compatibility with sensitive electronics and active PFC server power supplies.

92% Efficiency

Significantly lowers energy consumption and heat output in always-on network environments.

Configurable Voltage

Adjustable 200–240VAC output provides global compatibility without hardware changes.

Smart RS-232 / USB

Supports cross-platform management software (Windows/Linux/macOS) for automated, graceful shutdowns.

Optional SNMP

Enables remote monitoring and power management via web browsers or network systems.

TECHNICAL NOTE

Model ACE EDGE 1KVA. Capacity: 1000VA/1000W. Battery Type: 12V/9AH ×4. Charging Voltage: 27.4VDC ±1%. Efficiency (HV): 92%. Dimensions: 310×438×86.2mm. Net Weight: 9.8kg. Noise: <50dBA @ 1m. Low Line Transfer: 160/140/120/110VAC ±3% (load-dependent). High Line Transfer: 300VAC ±3%. All models — Input: Single phase with ground. Input Frequency: 40–70Hz. Output: 200/208/220/230/240VAC (configurable). AC Volt Regulation: ±1% (Battery Mode). Transfer Time Line→Battery: 0ms. Inverter→Bypass: 4ms typical. Output Frequency (Battery): 50Hz ±0.25Hz or 60Hz ±0.3Hz. Power Factor: >0.99 at nominal voltage. THD Output: <2% linear; <4% non-linear load. Crest Ratio: 3:1. Charging Current: 1.5A max. Recharge: 4 hours to 90%. Humidity: 20–90% RH @ 0–50°C. Communication: Smart RS-232/USB (Windows/Linux/macOS). Optional SNMP slot. Specifications subject to change without notice.

ACE EDGE 2KVA

Mid-capacity online double-conversion rack/tower UPS with pure sine wave.



MODEL ACE EDGE 2KVA	CAPACITY 2000VA / 2000W
TOPOLOGY Online Double Conversion	EFFICIENCY 93% (HV Mode)
BATTERY 12V/9AH ×4	Form Factor 2U Rack / Tower

OVERVIEW

The Euronet ACE EDGE 2KVA is an online double-conversion rack/tower UPS delivering up to 2,000W of continuous pure sine wave power with zero transfer time for server and telecom racks. It reduces energy costs with up to 93% AC mode efficiency in continuous operations. For seamless remote management, it includes smart RS-232 and USB ports, plus an optional SNMP card.

KEY FEATURES

Online Double-Conversion Continuously isolates loads from all power disturbances with zero transfer time during any power event.	Pure Sine Wave Output Delivers true sine wave power to ensure full compatibility with sensitive equipment and active PFC servers.
93% Efficiency High AC-mode efficiency minimizes heat generation and lowers energy consumption in continuous network environments.	Configurable Voltage Selectable 200–240VAC output adapts easily to multi-region hardware without equipment modifications.
Smart RS-232 / USB Integrated communication ports enable automatic computer shutdown and cross-platform management software support.	Optional SNMP Monitoring Supports an optional SNMP card for enterprise-level remote power management via web browsers or network systems.

TECHNICAL NOTE

Model ACE EDGE 2KVA. Capacity: 2000VA/2000W. Battery Type: 12V/9AH ×4. Charging Voltage: 54.7VDC ±1%. Efficiency (HV): 93%. Dimensions: 410×438×86.2mm. Net Weight: 15.9kg. Noise: <50dBA @ 1m. Low Line Transfer: 160/140/120/110VAC ±3% (load-dependent). High Line Transfer: 300VAC ±3%. All models — Input: Single phase with ground. Input Frequency: 40–70Hz. Output: 200/208/220/230/240VAC (configurable). AC Volt Regulation: ±1% (Battery Mode). Transfer Time Line→Battery: 0ms. Inverter→Bypass: 4ms typical. Output Frequency (Battery): 50Hz ±0.25Hz or 60Hz ±0.3Hz. Power Factor: >0.99 at nominal voltage. THD Output: <2% linear; <4% non-linear load. Crest Ratio: 3:1. Charging Current: 1.5A max. Recharge: 4 hours to 90%. Humidity: 20–90% RH @ 0–50°C. Communication: Smart RS-232/USB (Windows/Linux/macOS). Optional SNMP slot. Specifications subject to change without notice.

ACE EDGE 3KVA

High-efficiency online double-conversion rack/tower UPS with pure sine wave output.



MODEL
ACE EDGE 3KVA

CAPACITY
3000VA / 3000W

TOPOLOGY
Online Double
Conversion

EFFICIENCY
94% (HV Mode)

BATTERY
12V/9AH ×6

Form Factor
2U Rack / Tower

OVERVIEW

The Euronet ACE EDGE 3KVA delivers 3,000W of pure sine wave power via online double-conversion technology, achieving a range-leading 94% AC mode efficiency. Built for dense network racks and server rooms, this flexible rack/tower unit features six 12V/9AH batteries for extended runtime alongside standard USB, RS-232, and optional SNMP remote management.

KEY FEATURES

Online Double-Conversion

Continuously isolates loads from all grid disturbances with zero transfer time, providing the highest level of protection.

94% Peak Efficiency

Delivers industry-leading AC-mode efficiency to minimize energy waste and heat output in server environments.

Pure Sine Wave Output

Ensures clean power and full compatibility with all load types, including active PFC servers and industrial controllers.

Six-Battery Runtime

Equipped with six 12V/9AH batteries to deliver extended backup runtime with a fast 4-hour recharge to 90%.

Configurable Voltage

Selectable 200–240VAC output adapts easily to mixed-voltage equipment environments.

SNMP-Ready

Includes an optional SNMP slot for seamless remote power management via network systems and web browsers.

TECHNICAL NOTE

Model ACE EDGE 3KVA. Capacity: 3000VA/3000W. Battery Type: 12V/9AH ×6. Charging Voltage: 109.4VDC ±1%. Efficiency (HV): 94%. Dimensions: 550×438×86.2mm. Net Weight: 26.3kg. Noise: <50dBA @ 1m. Low Line Transfer: 160/140/120/110VAC ±3% (load-dependent). High Line Transfer: 300VAC ±3%. All models — Input: Single phase with ground. Input Frequency: 40–70Hz. Output: 200/208/220/230/240VAC (configurable). AC Volt Regulation: ±1% (Battery Mode). Transfer Time Line→Battery: 0ms. Inverter→Bypass: 4ms typical. Output Frequency (Battery): 50Hz ±0.25Hz or 60Hz ±0.3Hz. Power Factor: >0.99 at nominal voltage. THD Output: <2% linear; <4% non-linear load. Crest Ratio: 3:1. Charging Current: 1.5A max. Recharge: 4 hours to 90%. Humidity: 20–90% RH @ 0–50°C. Communication: Smart RS-232/USB (Windows/Linux/macOS). Optional SNMP slot. Specifications subject to change without notice.

ACE EDGE 6KVA

High-power online rack/tower UPS with unity power factor, 95% efficiency.



MODEL
ACE EDGE 6KVA

CAPACITY
6000VA / 6000W

POWER FACTOR
>0.99 at 100% Load

BATTERY
External Battery Bank

RECHARGE TIME
Depends on External Battery

UPS Dimensions
515×438×88mm (2U)

OVERVIEW

The Euronet ACE EDGE 6KVA is an online double-conversion rack/tower UPS for data centers, delivering 6,000W of real power with up to 95% efficiency and a unity (1.0) power factor. This compact 2U UPS is designed for use with external battery banks and features advanced battery management with adjustable charging up to 8A. It also includes standard communication ports alongside optional SNMP for remote web-based monitoring.

KEY FEATURES

Unity Power Factor (1.0)

Provides a 1.0 PF where 6KVA delivers a full 6000W of usable real power without any capacity derating.

Up to 95% Efficiency

High operating efficiency greatly reduces energy costs and heat generation in continuous data center environments.

Adjustable Charging

Supports adjustable charging up to 8A and external battery packs to easily scale runtime for critical systems.

ECO Mode Operation

Features an energy-saving ECO mode with a fast <10ms transfer time to protect less-critical loads efficiently.

2U Rack Design

Fits standard 2U rack spaces with flexible mounting hardware for both 19-inch cabinet and tower setups.

CVCF Mode Support

Includes Frequency Converter mode to deliver a stable output frequency independent of grid variations.

TECHNICAL NOTE

Model ACE EDGE 6KVA. Capacity: 6000VA/6000W. Battery: External Battery Bank. UPS Net Weight: 11kg. Noise: <55dBA @ 1m. Both models — Input: Single phase with ground. Input Frequency: 46–54Hz (50Hz system) / 56–64Hz (60Hz system). Low Line Loss: 110–300VAC ±3% at 60% load; 176–300VAC ±3% at 100% load. High Line Loss: 300VAC ±3%. Output: 208/220/230/240VAC. AC Volt Regulation: ±1%. Transfer Time Line→Battery: 0ms. Inverter→ECO: <10ms typical. Output Frequency (Battery): 50Hz ±0.1Hz or 60Hz ±0.1Hz. Power Factor: >0.99 at 100% load. THD: <1% linear; <4% non-linear. Crest Ratio: 3:1. Charging Current: 1A ±10% default. UPS Dimensions: 515×438×88mm (2U). Battery Pack: 606×438×133mm (2U). Humidity: <95% non-condensing. Temperature: 0–40°C. Communication: RS-232/USB (Windows/Linux/macOS). Optional SNMP. Note: Derate to 60% in CVCF mode; to 90% at 208VAC or parallel operation. Derate output 1% per 100m above 1000m altitude. Specifications subject to change without notice.

ACE EDGE 10KVA

Enterprise-grade online rack/tower UPS delivering 10kW of unity power factor output.



MODEL
ACE EDGE 10KVA

CAPACITY
10000VA / 10000W

POWER FACTOR
>0.99 at 100% Load

BATTERY
External Battery Bank

RECHARGE TIME
Depends on External Battery

UPS Dimensions
515×438×88mm (2U)

OVERVIEW

The Euronet ACE EDGE 10KVA delivers 10,000W of real power with a unity power factor and 95% efficiency via online double-conversion technology. Built for enterprise servers and telecom setups, this compact 2U unit supports adjustable charging and is designed for use with external battery banks. It includes standard RS-232 and USB ports alongside optional SNMP for comprehensive remote management.

KEY FEATURES

10kW Real Power

Delivers a unity 1.0 PF where 10KVA provides a full 10,000W of usable real power with zero capacity derating.

Up to 95% Efficiency

Industry-leading AC-mode efficiency minimizes energy waste and cooling costs in enterprise data centers.

Adjustable Charging

Supports adjustable charging up to 8A and external battery packs to easily scale runtime for high-availability systems.

ECO Mode Operation

Features an energy-saving ECO mode with a fast <10ms transfer time to protect systems efficiently during power events.

Compact 2U Form Factor

Shares a standard 2U footprint with the 6KVA model, housing both the UPS and battery modules in a slim, rack-ready design.

SNMP Remote Management

Includes an optional SNMP slot for seamless multi-site power tracking and control via web browsers or network systems.

TECHNICAL NOTE

Model ACE EDGE 10KVA. Capacity: 10000VA/10000W. Battery: External Battery Bank required. UPS Net Weight: 12.1kg. Noise: <58dBA @ 1m. Both models — Input: Single phase with ground. Input Frequency: 46–54Hz (50Hz system) / 56–64Hz (60Hz system). Low Line Loss: 110–300VAC ±3% at 60% load; 176–300VAC ±3% at 100% load. High Line Loss: 300VAC ±3%. Output: 208/220/230/240VAC. AC Volt Regulation: ±1%. Transfer Time Line→Battery: 0ms. Inverter→ECO: <10ms typical. Output Frequency (Battery): 50Hz ±0.1Hz or 60Hz ±0.1Hz. Power Factor: >0.99 at 100% load. THD: <1% linear; <4% non-linear. Crest Ratio: 3:1. Charging Current: 1A ±10% default. UPS Dimensions: 515×438×88mm (2U). Battery Pack: 606×438×133mm (2U). Humidity: <95% non-condensing. Temperature: 0–40°C. Communication: RS-232/USB (Windows/Linux/macOS). Optional SNMP. Note: Derate to 60% in CVCF mode; to 90% at 208VAC or parallel operation. Derate output 1% per 100m above 1000m altitude. Specifications subject to change without notice.

ACE ULTRA 10KVA

True online double-conversion three-phase 3U rack UPS with unity power factor.



MODEL
ACE ULTRA 10KVA

CAPACITY
10KVA / 10KW

INPUT PHASE
**Three Phase with
Neutral**

MIN. INPUT
**70VAC (Ph-N) @
50% Load**

FORM FACTOR
3U Rack / Tower

Charging
1-12A Adjustable

OVERVIEW

The Euronet ACE ULTRA 10KVA is a 10kW three-phase online UPS built for mission-critical data centers. It delivers zero transfer time and a near-unity power factor to eliminate grid distortion and protect equipment. An ultra-wide input voltage range preserves battery life, backed by 12A fast charging. This high power density is packed into a space-saving 3U rack design for 19" server cabinets.

KEY FEATURES

10kW Unity Power Factor

100% Real Power: PF 1.0 means 10kVA equals 10,000W of usable power with zero derating at full load.

Ultra-Wide Input Range

Accepts inputs as low as 70VAC (at 50% load), significantly extending battery life in unstable grid environments.

Zero Transfer Time

True online double-conversion delivers 0ms line-to-battery transfer, & under 4ms inverter-to-bypass transfer.

Dual Voltage Output

Supports both 208V/120V phase-to-phase and phase-to-neutral loads within a single installation.

Flexible Battery Configuration

Supports 16-20 adjustable battery blocks with an adjustable 1-12A high-capacity charging current for custom management.

Parallel Operation Ready

Equipped with dedicated parallel and current-share ports to support N+1 redundancy and scaled capacity.

TECHNICAL NOTE

Model ACE ULTRA 10KVA. Capacity: 10KVA/10KW. Net Weight: 28kg. Noise: <65dB @ 1m. Both models — Input: Three phase with neutral. Input Frequency: 46-54Hz (50Hz system) / 56-64Hz (60Hz system). Low Line Loss: 70VAC $\pm$ 3% (Ph-N) at 50% load; 88VAC $\pm$ 3% at 100% load. High Line Loss: 156VAC $\pm$ 3% at 50% load; 146VAC $\pm$ 3% at 100% load. Output Voltage: 120/127VAC (Ph-N). AC Volt Regulation: $\pm$ 1%. Transfer Time Line $\rightarrow$ Battery: 0ms. Inverter $\rightarrow$ Bypass: 0ms (phase locked); <4ms (phase unlock). Inverter $\rightarrow$ ECO: <10ms. Output Frequency (Battery): 50Hz $\pm$ 0.1Hz or 60Hz $\pm$ 0.1Hz. Power Factor Input: >0.99 at 100% load. THD: <2% linear; <5% non-linear (PF $\geq$ 0.8). Crest Ratio: 3:1. Overload: 100-110%: 60min; 110-125%: 10min; 125-150%: 1min; >150%: immediate. Battery Config: 16-20 adjustable blocks. Charging Current: 1-12A $\pm$ 10% adjustable. Charging Voltage: $\pm$ 13.65VDC $\times$ N $\pm$ 1% (N=8-10). Dimensions: 680 $\times$ 438 $\times$ 133mm (3U). IP Rating: IP20. Humidity: <95% non-condensing. Temperature: 0-40°C (battery life reduces above 25°C). Communication: RS-232/USB (Windows/Linux/macOS). Optional SNMP. Connections: RS-232, USB, SNMP intelligent slot, parallel port, share current port, EPO connector, external maintenance bypass connector, external battery terminal. Note: Derate 1% per 100m above 1000m altitude. Specifications subject to change without notice.

ACE ULTRA 20KVA

Highest-capacity online double-conversion three-phase 3U rack UPS



MODEL	CAPACITY
ACE ULTRA 20KVA	20KVA / 20KW
INPUT PHASE	MIN. INPUT
Three Phase with Neutral	70VAC (Ph-N) @ 50% Load
FORM FACTOR	Charging
3U Rack / Tower	1-12A Adjustable

OVERVIEW

The Euronet ACE ULTRA 20KVA is a 20kW three-phase online UPS delivering maximum power in a compact 3U rack design. It features an ultra-wide input voltage range down to 70VAC to preserve battery life, backed by 12A fast charging. Flexible 16–20 battery block configurations allow tailored runtime, while an integrated parallel port enables scalable capacity expansion and N+1 redundancy.

KEY FEATURES

20kW Real Power Output Unity PF 1.0 delivers 20,000W of usable power—EURONET's highest single-unit capacity with zero derating at full load.	Ultra-Wide Input Range Grid Resilience: Accepts inputs as low as 70VAC (at 50% load), ensuring reliable operation in highly unstable grid
True Online Double-Conversion Total Isolation: Continuous AC-DC-AC conversion isolates loads from all mains disturbances with 0ms transfer time to battery.	Same 3U Compact Form Factor Shares the same 3U rack footprint (680 x 438 x 133 mm) as the 10kVA model for streamlined rack planning.
12A High-Capacity Charging Supports 16–20 adjustable battery blocks with up to 12A of flexible charging current for custom runtime management.	Parallel & Redundancy Support Features dedicated parallel and current-share ports for seamless power scaling and N+1 redundancy.

TECHNICAL NOTE

Model ACE ULTRA 20KVA. Capacity: 20KVA/20KW. Net Weight: 30kg. Noise: <70dB @ 1m. Both models — Input: Three phase with neutral. Input Frequency: 46–54Hz (50Hz system) / 56–64Hz (60Hz system). Low Line Loss: 70VAC ±3% (Ph-N) at 50% load; 88VAC ±3% at 100% load. High Line Loss: 156VAC ±3% at 50% load; 146VAC ±3% at 100% load. Output Voltage: 120/127VAC (Ph-N). AC Volt Regulation: ±1%. Transfer Time Line→Battery: 0ms. Inverter→Bypass: 0ms (phase locked); <4ms (phase unlock). Inverter→ECO: <10ms. Output Frequency (Battery): 50Hz ±0.1Hz or 60Hz ±0.1Hz. Power Factor Input: >0.99 at 100% load. THD: <2% linear; <5% non-linear (PF≥0.8). Crest Ratio: 3:1. Overload: 100–110%: 60min; 110–125%: 10min; 125–150%: 1min; >150%: immediate. Battery Config: 16–20 adjustable blocks. Charging Current: 1–12A ±10% adjustable. Charging Voltage: ±13.65VDC × N ±1% (N=8–10). Dimensions: 680×438×133mm (3U). IP Rating: IP20. Humidity: <95% non-condensing. Temperature: 0–40°C (battery life reduces above 25°C). Communication: RS-232/USB (Windows/Linux/macOS). Optional SNMP. Connections: RS-232, USB, SNMP intelligent slot, parallel port, share current port, EPO connector, external maintenance bypass connector, external battery terminal. Note: Derate 1% per 100m above 1000m altitude. Specifications subject to change without notice.



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