



PRODUCT CATALOG

- HIGH POWER DENSITY
- RACK MODULAR DESIGN
- BATTERY COLD START
- FRIENDLY INTERFACE



ONLINE DOUBLE-CONVERSION UPS

150 – 300 kVA MODULAR UPS

Scalable, high-density power protection for critical infrastructures

150 – 300 kVA

Power range

96%

AC-mode efficiency (ECO 98%)

2U

25 kVA power modules

PRODUCT OVERVIEW

A modular online UPS platform built with 25 kVA power modules, designed for flexible capacity expansion, convenient servicing and reliable protection of mission-critical loads. With 150, 200 and 300 kVA cabinet options, 96% AC-mode efficiency and standard battery cold start, it is well suited to server rooms and data centers.

150 – 300 kVA

Power range

96%

AC-mode efficiency
(ECO 98%)

2U

25 kVA power modules

19"

Standard rack
compatible

KEY FEATURES

01

High Power Density

25 kVA power modules in just 2U height save space and simplify capacity expansion.

02

Rack Modular Design

Modular construction compatible with standard 19-inch rack systems for easy server-room integration.

03

Battery Cold Start

The UPS can start directly from the battery when utility power is unavailable (standard).

04

Friendly Interface

7-inch color touch LCD on 150–200 kVA, 10.4-inch on 300 kVA.

05

High Efficiency

96% in AC mode and 98% in ECO mode for lower operating costs.

06

Flexible Battery Configuration

Battery quantity adjustable in even numbers from 32 to 44; charging power up to 20% of rated power.

07

Dual Input

Standard on 200 and 300 kVA models, optional on the 150 kVA model.

08

Communication & Options

RS232, RS485, dry contacts; optional SNMP card, parallel kit, SPD and LBS.

APPLICATIONS



Data centers



Telecom &
network
infrastructure



Industrial critical
loads



Finance &
corporate
buildings

TECHNICAL SPECIFICATIONS

SYSTEM CAPACITY & PHYSICAL DATA

System capacity	150 kVA	200 kVA	300 kVA
Power modules	6 × 25 kVA	8 × 25 kVA	12 × 25 kVA
Dual input	Optional	Standard	Standard
Cabinet weight	116 kg	200 kg	295 kg
Power module weight	18 kg	18 kg	18 kg
Cabinet dimensions (W × D × H)	482 × 916 × 931 mm	482 × 916 × 1550 mm	650 × 1100 × 2000 mm
Module dimensions (W × D × H)	436 × 677 × 85 mm	436 × 677 × 85 mm	436 × 677 × 85 mm

COMMON TECHNICAL SPECIFICATIONS	
Input	3P + N + PE; 380/400/415 VAC (L-L). 304–478 VAC at full load; 228–304 VAC with linear power derating. 50/60 Hz; input frequency 40–70 Hz; PF > 0.99; THDi < 3% at 100% linear load.
Bypass	380/400/415 VAC; 50/60 Hz; voltage range adjustable from –40% to +25%; frequency window ±1 / ±3 / ±5 Hz. Overload: 110% continuous, 125% for 5 min, 150% for 1 min, > 150% for 1 s.
Output	380/400/415 VAC (L-L); 50/60 Hz; regulation ±1% (0–100% linear load); frequency precision 0.1%; output PF 1; THDu < 1% linear / < 6% non-linear; crest factor 3:1.
Inverter overload	110% for 1 h; 125% for 10 min; 150% for 1 min; > 150% for 200 ms.

TECHNICAL SPECIFICATIONS (CONTINUED)

COMMON TECHNICAL SPECIFICATIONS	
Battery	±240 VDC; 40 batteries (even quantity adjustable 32–44); voltage accuracy ±1%; charging power up to 20% of rated output active power; battery cold start standard.
Efficiency	AC mode 96.0%; ECO mode 98.0%; battery mode 95.5%.
Display	7-inch color touch LCD for 150–200 kVA; 10.4-inch for 300 kVA; LED indicators and keypad.
System / Options	IP20; RS232, RS485, programmable dry contacts. Optional SNMP card, parallel kit, SPD and LBS; PDU available for 150 kVA.
Environment	Operating 0–40 °C; storage –40–70 °C; RH 0–95% non-condensing; no derating up to 1000 m, then 1% per 100 m up to 2000 m; noise (1 m) 65 dB at 100% load, 62 dB at 45% load.
Standards	Safety: IEC/EN 62040-1 · EMC: IEC/EN 62040-2 · Performance: IEC/EN 62040-3

* Product specifications are subject to change without prior notice as part of ongoing development.



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