



PRODUCT CATALOG

- HIGH EFFICIENCY
- HIGH POWER DENSITY
- FLEXIBLE BATTERY DESIGN
- TOUCHSCREEN HMI



ONLINE DOUBLE-CONVERSION UPS

600 kVA MODULAR UPS

High-efficiency, scalable protection for critical power systems

600 kVA

System capacity

6 × 100 kVA

4U power modules

> 96%

Double-conversion efficiency

PRODUCT OVERVIEW

This 600 kVA modular UPS employs high-density 100 kVA / 100 kW power modules to protect critical infrastructure. Efficiency above 96% in online double-conversion mode, smart sleep control, flexible battery connections and extensive communications support continuous operation.

600 kVA
System capacity

6 × 100 kVA
4U power modules

> 96%
Double-conversion
efficiency

3.2 MW
Parallel scalability
(32 modules)

KEY FEATURES

01

High Efficiency

Advanced three-level technology achieves over 96% in double-conversion mode.

02

High Power Density

100 kVA power modules in 4U height simplify capacity expansion.

03

Flexible Battery Design

Power module option without a battery neutral line for flexible installation.

04

Touchscreen HMI

10-inch color touch LCD for intuitive system monitoring.

05

Multiple Interfaces

CAN, RS485, USB, SNMP, AS400 and programmable dry contacts.

06

High Scalability

Parallel operation with up to 32 modules; scalability up to 3.2 MW.

07

Smart Sleep Function

Intelligent module standby at lower loads improves operating efficiency.

APPLICATIONS



Data centers



Telecom &
network
infrastructure



Industrial critical
loads



Finance &
corporate
buildings

TECHNICAL SPECIFICATIONS

SYSTEM & PHYSICAL SPECIFICATIONS	
System capacity	600 kVA
Power module capacity	100 kVA / 100 kW
Power module quantity	6
Cabinet weight	400 kg
Power module weight	53.5 kg
Cabinet dimensions (W × D × H)	1000 × 1100 × 2000 mm
Module dimensions (W × D × H)	440 × 795 × 174 mm

ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS	
Input frequency	50/60 Hz; input frequency range 40–70 Hz.
Bypass	380/400/415 VAC; voltage range adjustable (default -20% / +15%); bypass frequency ± 1 / ± 3 / ± 5 Hz.
Output	380/400/415 VAC (L-L); 50/60 Hz; output PF 1; voltage regulation $\pm 1\%$; frequency precision $\pm 0.1\%$.

TECHNICAL SPECIFICATIONS (CONTINUED)

ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Output quality	THDu <1% on linear load / <5% on non-linear load; inverter overload 110-125% 10 min, 125-150% 1 min, >150% 200 ms.
Battery	±180-288 VDC; 30-48 batteries depending on derating; voltage precision ±1%; charging up to 15% of output active power.
Efficiency	AC mode >96%; battery mode >95%.
Display & interface	LED + color touch LCD; RS485, USB, CAN and programmable dry contacts; two intelligent slots.
Environment	Operation 0-40 °C; storage -40-70 °C; RH 0-95% non-condensing; noise 75 dB at 100% load / 70 dB at 45% load.
Standards	IEC/EN 62040-1(safety), IEC/EN 62040-2(EMC), IEC/EN 62040-3(performance).

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



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