



PRODUCT CATALOG

- HIGH EFFICIENCY
- LITHIUM BATTERY SUPPORT
- MODULAR ARCHITECTURE
- HIGH POWER DENSITY



600 kVA / 60 kVA × 10

ONLINE DOUBLE-CONVERSION UPS

600 kVA MODULAR UPS

High-efficiency, scalable protection for critical power systems

600 kVA

System capacity

10 × 60 kVA

Hot-swappable power modules

> 97%

AC-mode efficiency

PRODUCT OVERVIEW

This 600 kVA modular UPS uses ten hot-swappable 60 kVA power modules for flexible, continuous power protection. With AC-mode efficiency above 97%, lithium-battery support and intelligent charging management, it is designed for data centers and other critical facilities.

600 kVA
System capacity

10 × 60 kVA
Hot-swappable
power modules

> 97%
AC-mode efficiency

30%
Charging power
(of active power)

KEY FEATURES

01

High Efficiency

Over 97% efficiency in online double-conversion AC mode.

02

Lithium Battery Support

Compatible with lithium battery storage configurations.

03

Modular Architecture

Ten 60 kVA online hot-swappable power modules.

04

High Power Density

Compact cabinet for easier maintenance and capacity control.

05

Intelligent Charging

Bidirectional DC-DC design; charging up to 30% of active power.

06

Flexible Battery Design

Neutral-free battery arrangement with adjustable battery count.

07

Touchscreen Interface

Color touch LCD for intuitive status and operating data.

08

Communications

RS485, USB, CAN and programmable dry contacts.

APPLICATIONS



Data centers



Telecom &
network
infrastructure



Industrial critical
loads



Finance &
corporate
buildings

TECHNICAL SPECIFICATIONS

SYSTEM & PHYSICAL SPECIFICATIONS

System capacity	600 kVA
Power module capacity	60 kVA / 60 kW
Power module quantity	10
Cabinet weight	443 kg
Power module weight	35.7 kg
Cabinet dimensions (W × D × H)	800 × 1100 × 2000 mm
Module dimensions (W × D × H)	550 × 750 × 85 mm

ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

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

TECHNICAL SPECIFICATIONS (CONTINUED)

ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Output quality	THDu <1% linear load / <5% non-linear load; inverter overload 110-125% for 10 min, 125-150% for 1 min, >150% for 200 ms.
Battery	±180-264 VDC; 30-44 batteries with specified derating; voltage precision 1%; charging up to 30% of output active power.
Efficiency	AC mode >97%; battery mode >96%.
Display & interface	LED + color touch LCD; RS485, USB, CAN, programmable dry contacts; optional SNMP and AS400 cards.
Environment	Operating 0-40 °C; storage -40-70 °C; humidity 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.



CONTACT

Web www.elsi.com.tr
E-mail elsi@elsi.com.tr
Phone +90 212 210 75 51

