

ONLINE DOUBLE-CONVERSION UPS

25-200 kVA MODULAR UPS

Compact and scalable power protection for data centers

PRODUCT OVERVIEW

ELSIPOWER modular UPS solutions provide dependable power for critical systems with advanced three-level IGBT and digital DSP control technology. Their 19-inch rack-compatible, online double-conversion and hot-swappable architecture simplifies expansion and maintenance. Suitable for internet data centers, network servers, workstations, control systems and communication infrastructure.

KEY FEATURES



● High Power Density

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

● Battery Cold Start

The UPS can be started from its batteries without utility power.

● High Efficiency

Up to 96% in AC mode and 98% in ECO mode.

● Communication Options

RS232, RS485 and programmable dry contact interfaces.

● Rack Modular Design

Compatible with standard 19-inch rack cabinets for easy server integration.

● Friendly Interface

7-inch color touch LCD, LED indicators and keypad.

● Flexible Battery System

Configurable 32-44 batteries with charging control and protection.

● Critical Applications

For data centers, network servers, control, communication and office systems.

TECHNICAL SPECIFICATIONS

CAPACITY & PHYSICAL DATA

Specification	150 kVA	200 kVA
Rated capacity	150 kVA / 150 kW	200 kVA / 200 kW
Cabinet (W × D × H)	482 × 916 × 931 mm	482 × 916 × 1550 mm
Cabinet weight	140 kg	160 kg
Power module	25 kVA / 25 kW	25 kVA / 25 kW
Module dimensions	436 × 677 × 85 mm	436 × 677 × 85 mm
Module weight	18 kg	18 kg
Dual input	Optional	Standard

COMMON TECHNICAL DATA

Input	3-phase + N + PE; 380/400/415 VAC (line-line). 304–478 VAC at full load; 228–304 VAC with linear derating. 50/60 Hz, input frequency 40–70 Hz; input PF >0.99; THDi <3%.
Bypass	380/400/415 VAC, 50/60 Hz; adjustable voltage range (-40% to +25%); frequency window ±1 / ±3 / ±5 Hz. Overload: 110% long-term, 125% for 5 min, 150% for 1 min.
Output	380/400/415 VAC (line-line), 50/60 Hz; output PF 1.0; regulation ±1%; frequency precision 0.1%; THD <1% linear and <5.5% non-linear load; crest factor 3:1.
Inverter Overload	110% load for 1 hour; 125% for 10 minutes; 150% for 1 minute; >150% for 200 ms.
Battery	±240 VDC; 40 batteries (adjustable to even quantities from 32 to 44); voltage precision ±1%; charging power up to 20% of output active power; Cold Start standard.
Efficiency	AC mode: 96%; ECO mode: 98%; battery mode: 95.5%.
Display & Comms	7-inch color touch LCD + LED + keypad. RS232, RS485, programmable dry contact; optional SNMP, parallel kit, SPD and LBS.
Environment	IP20; operation 0–40 °C, storage -40–70 °C; humidity 0–95% non-condensing; 1% derating per 100 m from 1000 to 2000 m; noise 65 dB at 100% load.
Standards	Safety: IEC/EN 62040-1-1; EMC: IEC/EN 62040-2; performance: IEC/EN 62040-3.