

ELV SERIES

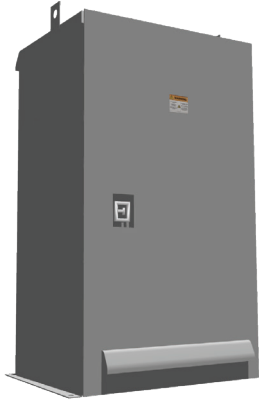
ELEVATOR INVERTERS

ELV-I Indoor



NEMA 1 Cabinet

ELV-O Outdoor



NEMA 3R Cabinet

ELV-H Harsh Environment



NEMA 4 or 4X Cabinet


emergency lighting

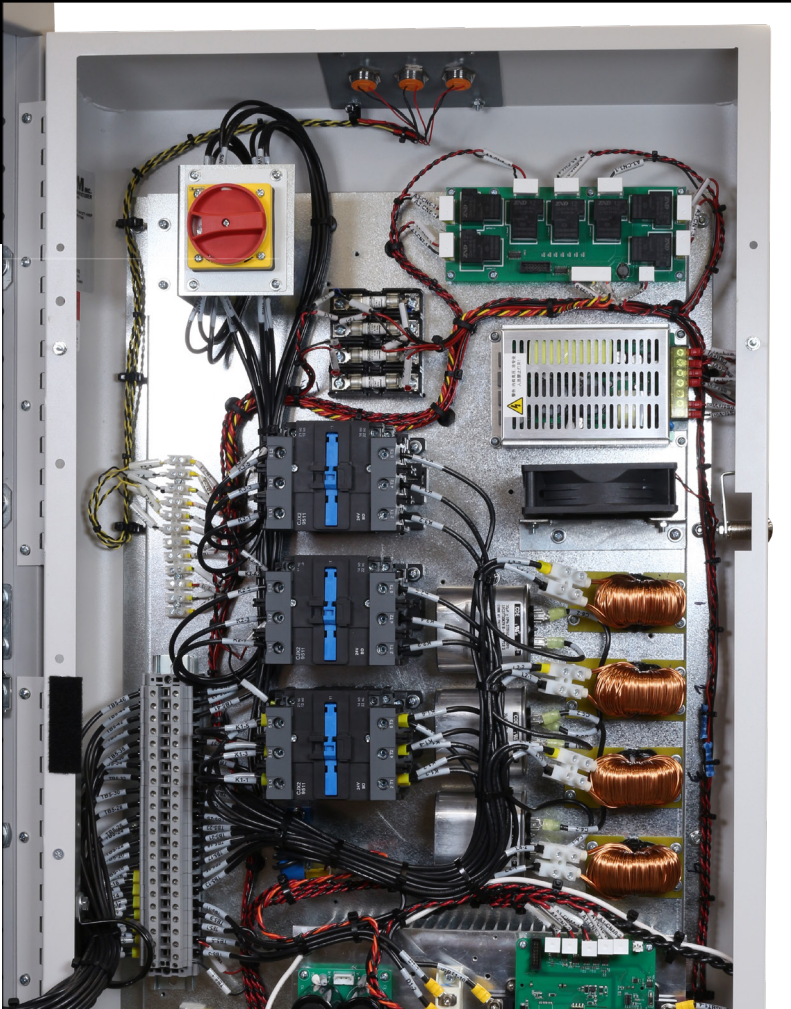
ENGINEERED FOR **RESILIENCE AND RELIABILITY**

THE ELV SERIES IS DESIGNED FOR ANY BUILDING THAT REQUIRES RELIABLE, EFFICIENT, AND SAFE ELEVATOR OPERATION. WHETHER MANAGING RESIDENTIAL HIGH-RISES, COMMERCIAL PROPERTIES, OR MIXED-USE DEVELOPMENTS, THE ELV SERIES ENSURES ELEVATORS REMAIN OPERATIONAL EVEN DURING POWER OUTAGES.

KEY FEATURES

READY FOR ANY ENVIRONMENT: Cabinets are available for indoor, outdoor or harsh environment applications.

FORCED AIR COOLING: Ensures maximum reliability by maintaining optimal operating temperatures.



UTILITY PRESENT MODE

POWER REGENERATION:

When an elevator car moves toward the ground, it generates power. The ELV Series captures this power and stores it in its batteries, ensuring no energy goes to waste.

BATTERY MODE

UNINTERRUPTED OPERATION:

During a power outage, the system instantly (zero milliseconds) converts stored battery power to deliver the required output, ensuring the elevator remains operational and passengers' safety is guaranteed.

REGEN MODE

EFFICIENT POWER MANAGEMENT:

When utility power is available, the system connects to it, converting and providing the necessary power for the elevator load. This seamless transition ensures continuous and efficient operation.

SPECIFICATIONS

- **POWER RATINGS:** 4.5 - 80kW Three-phase output unit that uses the latest technology to provide the most advanced performance and reliability features.
- **BATTERY TYPE:** Sealed, maintenance-free, lead calcium (AGM) batteries
- **VOLTAGE:** Standard options include 208Y/120, 208, 480Y/277 or 480 VAC (consult factory for other options).

CABINET DIMENSIONS

- **SAFETY APPROVALS:** UL924, UL1778, NFPA101, and NFPA70 (NEC) compliant.
- **WEIGHT:** Starting weight 1428
- **CUSTOM OPTIONS:** Larger models available, consult factory for details.

BARRON
lighting group

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