

**ELV SERIES**

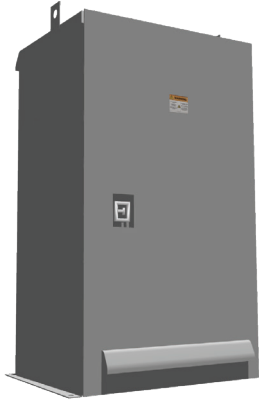
# ELEVATOR INVERTERS

**ELV-I Indoor**



**NEMA 1 Cabinet**

**ELV-O Outdoor**



**NEMA 3R Cabinet**

**ELV-H Harsh Environment**



**NEMA 4 or 4X Cabinet**



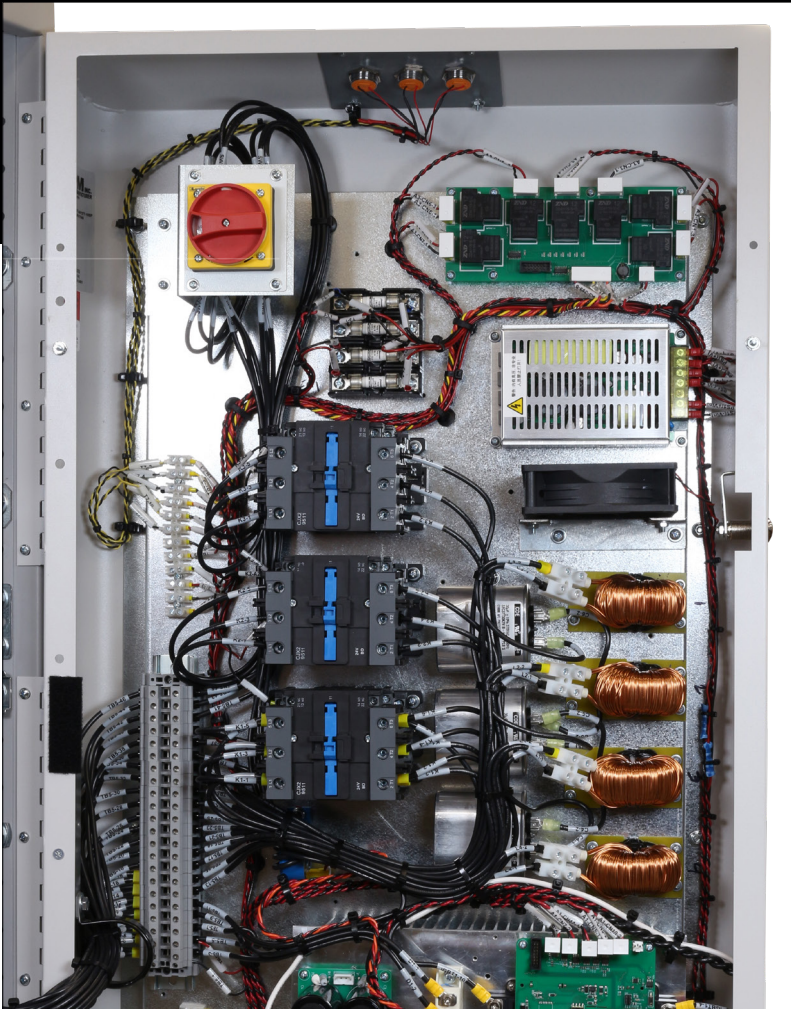
ENGINEERED FOR **RESILIENCE AND RELIABILITY**

**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

- **CODE COMPLIANCE:** UL924, UL1778, NFPA101, and NFPA70 (NEC) compliant. Complies with the Buy American Act (Level 3) and Build America Buy America requirements
- **WEIGHT:** Starting weight 1428
- **CUSTOM OPTIONS:** Larger models available, consult factory for details.

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