



epic  
evacuation  
equipment **e<sup>3</sup>**

High-performance backup power supply for mains failure. Energizes the elevator for a large number of trips and extended time enabling complete building evacuation.

**E3**

**EVACUATION  
EQUIPMENT**



by  **epic power**

**ADVANTAGES**

- » Simple connection and easy adaptation to any lift, even for modernization.
- » The elevator controller keeps full control of the system and the elevator (no additional control)
- » 48 V battery pack for all models with a constrained size and easy and low-cost maintenance.
- » Regenerative. Recovers the energy generated by the elevator and stores it in the batteries thus expanding the duration of the evacuation time.
- » Alternative to traditional backup auxiliary systems. Suitable for new or existing elevators due its simple installation and adaptation.

**What is it?**

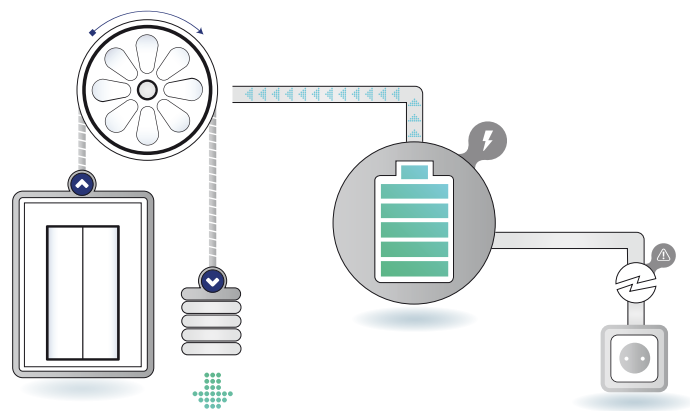


System that supplies energy to the elevator in case of mains failure.

More than a UPS because it keeps the elevator energized for a large number of trips to any floor making safe and complete evacuation of buildings possible.

This high-performance auxiliary supply system keeps the elevator running for hundreds of trips without mains. The system keeps the control informed in every moment about the state-of-charge of the batteries.

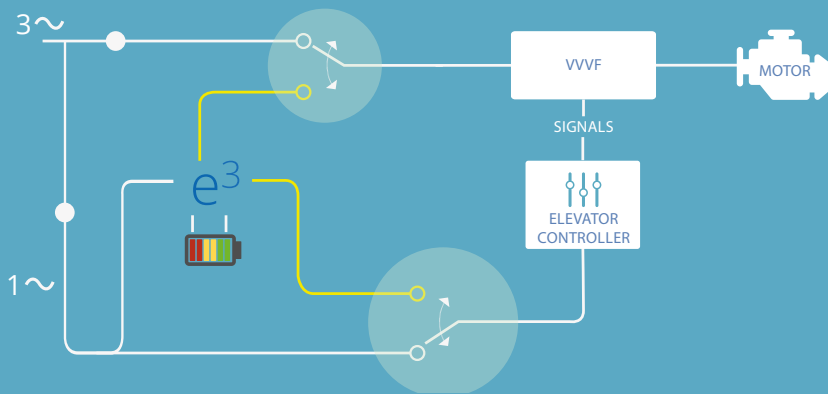
The installation is very simple, even for existing elevators with no additional cabling to floors.





## The system comprises

- » Auxiliary supply for mains failure, providing:
    - » 600 Vdc for the drive
    - » 230 Vac for control, brakes, door operators, etc.
  - » Low power input to maintain the accumulator fully charged
  - » 48 V batteries, similar for all models.
- Low cost and low maintenance. The system provides information to the controller about state-of-charge during the complete evacuation process.

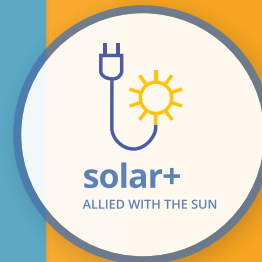


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## ABOUT e<sup>3</sup>

Epic Evacuation Equipment is a high-performance backup auxiliary supply system for lifts. It maintains the elevator running. It informs the control about state-of-charge of batteries to avoid trapping. Very simple installation even for existing lifts.



## ABOUT US

Designing, developing and manufacturing very efficient high power converters since 2009.

epic power is a key power electronics partner for energy efficiency and energy storage solutions:

- » Flexible systems
- » Customized designs
- » Experienced engineering support

## Range of products and technical features



	e <sup>3</sup> 3k5W	e <sup>3</sup> 5k5W	e <sup>3</sup> 7kW
Maximum input power	200 W or 500 W	200 W or 500 W	200 W or 500 W
Nominal output power (drive supply)	3500 W	5500 W	7000 W
Maximum output power (drive supply)	4000 W	6300 W	8000 W
Maximum output power @ 230 Vac	400 W or 700 W (different options)		
Energy storage	From 1 kWh up to requirements		
Number of trips after mains failure	Variable under client request		



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