

ELEVATOR

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# With the power of nature

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Gen2<sup>®</sup> Switch

**OTIS**



# Gen2<sup>®</sup> Switch

Special power requirements. Subcontractor's schedules. Frequent power outages. There are many things to consider when installing and operating an elevator in your residential building, whether it's new construction or a retrofit. The innovative technology of the Gen2<sup>®</sup> Switch elevator makes it an easy decision.

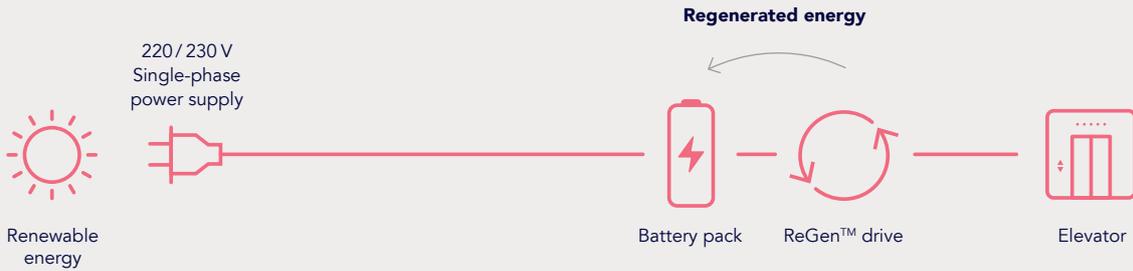
**+ SAFE WHEN POWER FAILS**  
Gen2<sup>®</sup> Switch has a battery, so it works even when the power doesn't.

**+ MORE SUSTAINABLE**  
Unique low voltage architecture and a regenerative drive reduce energy use in standby and travel mode, respectively.

**+ LED-LIGHTING**  
Save up to 80% compared to conventional lighting.

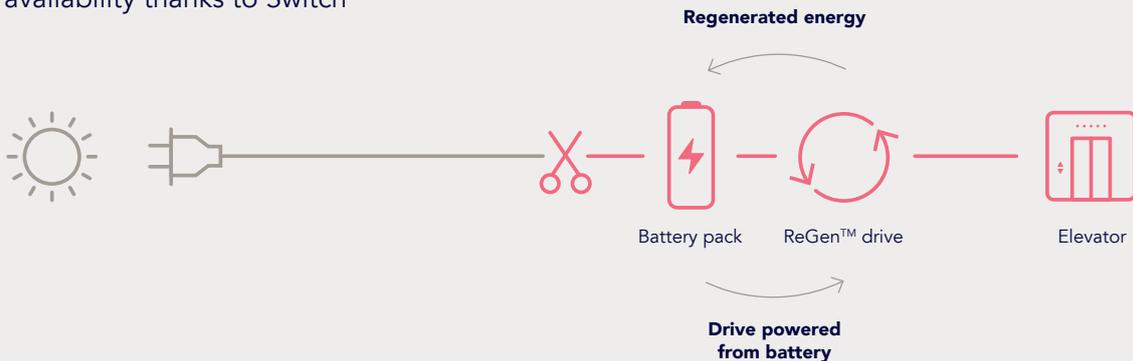
**+ RENEWABLE-READY**  
Gen2<sup>®</sup> Switch's battery system lets it take advantage of fluctuating energy supplies such as wind and solar power. And the battery, made of 97% recycled materials, is itself 90% recyclable.

## OPERATING WITH SUSTAINABLE ENERGY



## IN CASE OF POWER FAILURE

Elevator availability thanks to Switch



# Sustainable and innovative.

We invest in the sustainability of our products to drive innovation and to develop the future of mobility, fostering sustainability and efficiency. Gen2® Switch is the most advanced technology to secure 100 percent availability and autark energy consumption.

## **+** SUSTAINABLE PRODUCTION

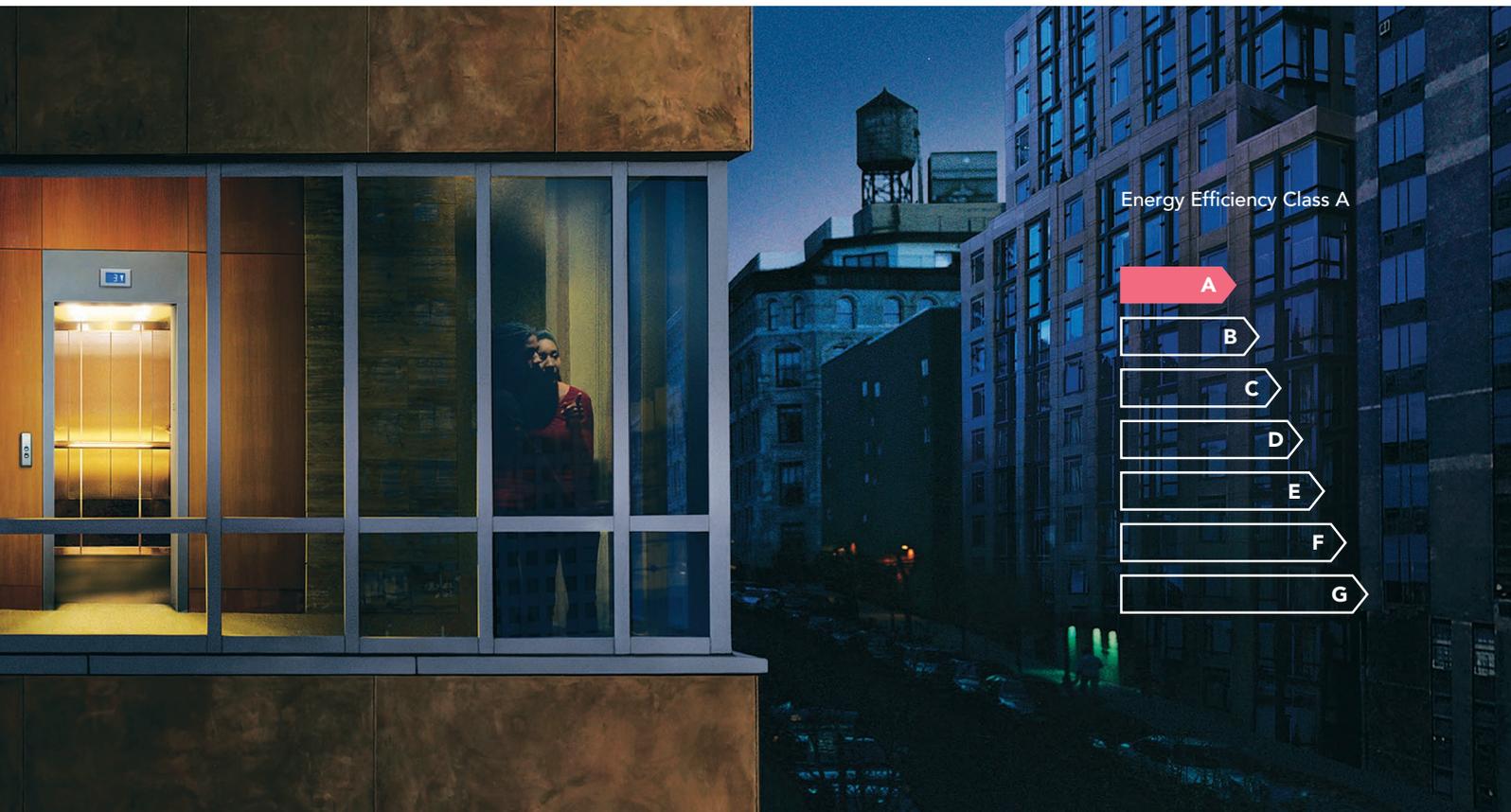
Our factory runs to 60 percent from solar energy that is coming from panels on its roof. Worldwide all our factories are certificated with ISO 14001.

## **+** INNOVATIVE AND FUTURISTIC

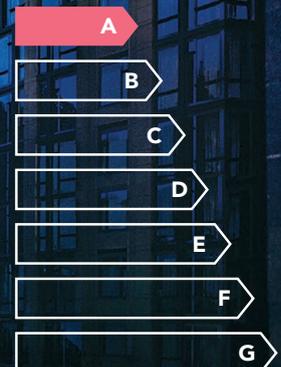
Our goal is to reduce our ecological footprint globally. That is why we consequently drive initiatives to save water and energy in our production.

## **+** AUTARK MOBILITY FOR EVERYONE

Gen2® Switch combines the state of the art elevator technology Gen2® with the power of sustainable energy. Thanks to its efficiency you can save up to 70 percent of energy costs compared to common elevator drives.



Energy Efficiency Class A



# Up with the sun.

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Latest technology and sustainable energy - Gen2® Switch is offering the perfect solution for modern buildings to save energy and reduce costs. Using the power of nature secures 100 drives in case of shutdown and delivers an unique experience.



## **ENERGIEAUTARK SYMBIOSE**

The connection of traction, drive and battery are optimized for a energy autark transport and the use of solar and wind energy, fostering sustainability and availability where it is needed.



## **LOW VOLTAGE ARCHITECTURE**

Thanks to the low voltage architecture less energy is consumed when employing standby mode — which also helps protect mechanics during maintenance.



## **MORE THAN BARRIERLESS**

Thanks to the batteries you can go for 100 drives even in case of a complete shutdown. That helps in case of people in your building but also secures mobility and people flow. Saved energy comes to the system when it is needed - so you don't need to worry about barriers anyhow.



## **LOW MAINTENANCE COSTS**

Thanks to the latest technology you can also save energy back into the elevator's environment. You can then simply use it for other areas - lightning, heating and so much more. Therefore you invest in a better and greener building structure.

⚡  
500 W  
Gen2®  
technology

⚡  
1000 W  
Coffee  
machine

⚡  
2000 W  
Vacuum  
cleaner

⚡  
2500 W  
Electric  
oven



Our innovative thinking  
comes standard in  
each component for  
best-in-class results.

Otis Elevator Company is the world's leading manufacturer and maintainer of elevators, escalators and moving walkways.

Founded more than 160 years ago by the inventor of the safety elevator, Otis offers products and services through its companies in more than 200 countries and territories, and maintains approximately 2 million elevators and escalators world-wide. Every day, Otis moves more than 2 billion people through the world's urban landscapes.

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