

Driving industrial digitalization

Transforming your business with safe, smart and sustainable solutions for the future of electrification

Secure and networked energy distribution has a valuable role to play for future-focused companies. Digitalization of the electrical flow enables a better understanding of power requirements and facilitates optimization.



ABB offers a range of intelligent energy distribution solutions, designed to improve overall business performance, ensure safety and enhance sustainability.



This is made possible by our cloud infrastructure, a core element of our ABB Ability™ offering.

Let's write the future of safe, smart and sustainable electrification. Together.

1

Future of mobility and cities:



State-of-the-art cross-industry digital offering and advanced analytic capabilities



Smart grid and renewables ready



Charging solutions for next generation EVs



High power chargers recharge 200 km in just 8 minutes



Smarter building energy management = operational **cost savings** of 30-60%



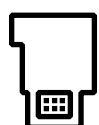
Reduced energy consumption and CO₂ footprint, **increased sustainability**

2

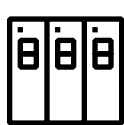
Future of industry:



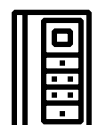
Cloud-connecting technology improves power management and **minimizes downtime**



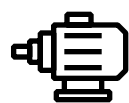
30% reduction in circuit box size, reducing overall weight



Retrofit solutions can save **>50%** in restoration costs



Enhanced machine **safety**



Motor starting and protection



Digital cable protection

3

Future of energy:



100% monitoring of every final circuit, providing complete visibility and control



Data from the full electrical system can be accessed from **anywhere, at any time**



Optimize power usage, **reduce CO₂ emissions**



Up to **30%** reduction in operating costs



Up to **40%** reduction in maintenance costs



Class-leading UPS to **safeguard power supply**

ABB provides a complete portfolio of components, solutions and services for low- and medium-voltage applications. Visit our website to find out more about our energy distribution offering for industrial environments.