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They allow mothers to smile,

families to bond,

Your solar installations do more than just provide power...
communities to thrive,

cities to run,

crowds to cheer.
And we do more than just provide solar solutions...

Our portfolio gives you the widest choice in the industry.
Our extensive serial testing and R&D, decades of experience and comprehensive services give you reliability you can trust.

Our company-wide innovation gives you future-proof solar solutions today.
Our commitment to economic efficiency gives you better value.

Our solar solutions are backed by decades of expertise…

We have more than **130 yrs** of technological leadership

with over **40 yrs** experience in power conversion

and over **25 yrs** in solar

We operate in over 100 countries

dedicated sales and service solar specialists in more than 30 countries

with more than 2 million inverters worldwide

and an installed solar Inverter base of more than 30GW

supported by a global service infrastructure of 20 repair centres

and 200 fully dedicated ABB solar service engineers supported by a global network of service partners
So count on us, because they count on you.

From sun to socket, no one provides more solar solutions...
Residential

Our complete portfolio of string inverters, low-voltage products and energy storage systems gives you a one-stop-shop for your residential installations. It also ensures a fully coordinated system that’s compliant with the local grid.

Sustainable City, Dubai
Dubai’s first city to be powered completely by solar energy relies on ABB string inverters to harness the power of the sun for its residents.

Commercial and industrial

Your planning and design process is made easy with our comprehensive range of products for commercial and industrial applications. And with continuous technical training and expert support, you’ll be equipped to offer the very best installations.

Rooftop Installation, IKEA Singapore
IKEA’s store generates 1.3 million kWh a year using twenty TRIO-50 solar inverters. The project is on target to lower the store’s electricity bills by an estimated $2.4 million over the next 10 years.

Microgrids

We have unmatched expertise in designing and building microgrids. Our offering includes the full range of enabling technologies, as well as consulting and services, so that you can provide market leading off-grid and grid-connected microgrids.

Robben Island, South Africa
This microgrid, installed with minimal disturbance to original buildings and natural habitat, uses 12 solar inverters, ABB microgrid and ABB Ability remote monitoring. Its peak capacity is 667kW and is expected to lower fuel emissions by 75%.

Utility-scale

Best in-class indoor and outdoor central inverters, state-of-the-art monitoring and control solutions, along with system design and optimization expertise. We provide you with complete solutions for deploying solar PV plants and integrating these into the grid.

Utility Installation, Turkey
With a 51 MWp capacity, Turkey’s largest solar energy plant uses ABB’s PVS800 central inverter solution, the most efficient way to convert the direct current (DC) generated by solar modules into high-quality, CO₂-free alternating current (AC).
…And with our comprehensive solar inverter services, your customers can secure their return on investment.

Services for solar inverters

Maximize the uptime of your inverters throughout their lifetime. We offer a broad portfolio of services across all installations, from kilowatt to megawatt.

For utility scale plants in particular, ABB Solar Care is the perfect package to get the most out of your plant over the long-term. With availability of spare parts guaranteed throughout the lifetime of the project, ABB Solar Care guards against material obsolescence and extends the lifespan of inverters. Preventive and corrective maintenance ensure maximum uptime for up to 20 years. And with a simple annual flat fee, predictable cost models allow effective management of OPEX.
So whatever scale you're working at, we have the resources, experience and expertise to help you achieve even more with your installations.

Visit abb.com/solarinverters to find out more.