

# SOLAR SOLUTIONS

WITH OVER 125 YEARS OF INSPIRATION

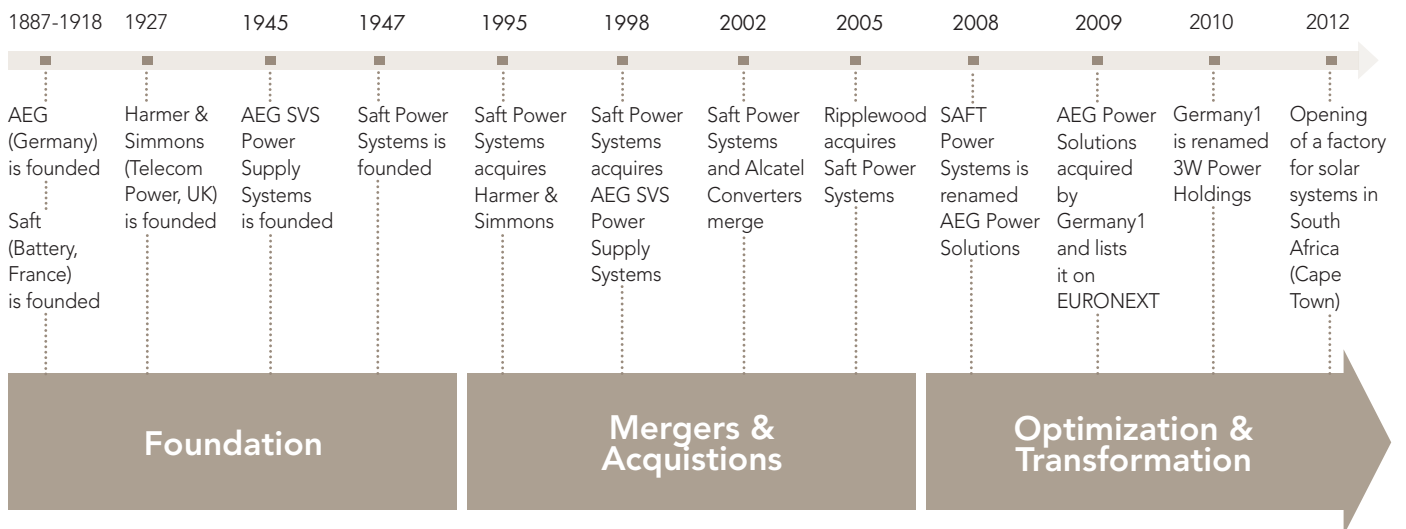


Since its founding, AEG has had a proud history of groundbreaking products. From light bulbs to motors, AEG's products have been synonymous with the Art of Engineering for which Germany is famous.

In the area of advanced power electronics, AEG Power Solutions offers a worldwide portfolio of products and services. In the solar industry, AEG Power Solutions' experience dates back to its first 30 kVA solar inverter released in 1984. Today, the Protect PV product line draws on this experience to offer solar inverters for use by industry and in power generation. The Protect PV solar inverters are acclaimed for their high efficiency enabling them to generate exceptionally high yields.

AEG Power Solutions also offers worldwide support for solar projects in any phase of development, from the planning phase onward.

## Company history:



# SOLAR INVERTERS



Solar installation in Derching/Germany, Photo: abakus solar AG



5,75 MWp Solar park in Lecce/Italy



Turnkey outdoor solutions:

Container and platform stations sized 560 to 1760 kVA

Fully integrated solutions that have been developed specifically for use in photovoltaic power plants.

They comprise:

- » up to two solar central inverters
- » switchgear
- » a medium-voltage transformer
- » measuring and monitoring components, and
- » data communication capabilities

For large-scale and megawatt photovoltaic plants: 250 to 880 kVA central inverters (for indoor and outdoor applications)

- » Stable and reliable
- » Very high efficiency > 98%
- » Excellent availability
- » Easy to maintain
- » Life cycle of over 20 years

Modular design for commercial-scale applications sized 15 to 150 kVA:

- » Increase in capacity via pull-out module system
- » No single point of failure
- » For indoor and outdoor applications
- » Web server and datalogging are integrated into the inverter

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For further information  
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