

TESVOLT IS MAKING THE GLOBAL ENERGY TRANSITION POSSIBLE

TESVOLT offers world-leading solutions for commercial and industrial applications in the field of **energy storage**. This is TESVOLT's contribution to the megatrends of **renewable energy** and **electromobility**. Outstanding TESVOLT products ensure **supply security**, creating the **foundation for the transition to sustainable energy**.

MORE THAN JUST A BATTERY

HIGHLIGHTS


-  TESVOLT is the global **technology and quality leader** for energy storage in the commercial and industrial sectors

-  A significant **development edge** ensures the lead in a global market worth billions

-  TESVOLT products **impress with superior performance** and **lower overall costs (LCOS) compared to competitor products**

-  Focus on commercial applications and infrastructure projects: Partnerships with the pioneers of battery technology and battery inverter technology: e.g. **Samsung SDI and SMA**

-  Successful track record with over **2,200 projects implemented worldwide** and market shares of up to 50% in regional target markets in the core segment 30 kWh to 1 kWh

-  Versatile **product portfolio** from **10 kWh into the megawatt hour range**

-  Innovative energy management system with **potential for further energy services**

FACTS AND FIGURES

Founded in summer 2014 with the mission of **"enabling affordable energy anywhere, any time"**

Over 100 employees

Subsidiaries in Korea and Australia

First gigafactory for energy storage systems built in Europe

Prominent **investor base**, with additional support from the state of Saxony-Anhalt and EU funding

Non-hierarchical, **agile** company culture

STORAGE SYSTEM FOR GREEN ENERGY

TWO FOUNDERS CREATE A GLOBAL LEADER



Simon Schandert,
Founder, CTO, 32

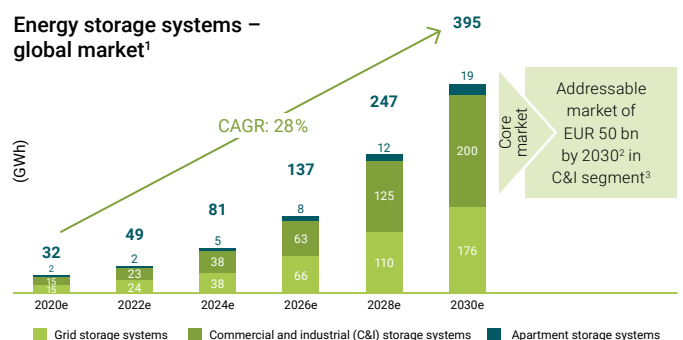
- Founder and owner of a consulting and project planning company in the renewable energy sector
- A tradition of ingenuity, gained electrical engineering background in the family business

Daniel Hannemann,
Founder, CEO, 35

- Degrees in computer science and sustainable management
- Founder and CEO of Hanni Solar
- Green energy runs in the family: built first photovoltaic installation on his grandfather's farm

- Global market for energy storage systems set to grow by 28% p.a. by 2030
- Addressable market for TESVOLT is therefore: EUR 50 billion

Energy storage systems – global market¹



Source: Company data, remarks: (1) Bloomberg New Energy Finance, Wood Mackenzie; (2) Assumed average price of EUR 250/kWh; (3) Potential C&I customers in Germany: ~2.5m

APPLICATIONS

TESVOLT energy storage systems offer the right solution for more than 20 applications and are used wherever...



... users want to save on electricity costs
(**peak shaving**)



... no grids are available (**off-grid**)



... **renewable energy** needs to be stored



... **back-up power** is needed for security

Examples: agriculture, logistics, retail, SMEs, industry, charging infrastructure for e-mobility, supply companies, municipalities, data centres, stadiums and cultural institutions

OVER 2,200 PROJECTS WORLDWIDE



TECHNOLOGY AND PRODUCTS

The patented battery management system **Active Battery Optimizer (ABO)** enables **maximised lifespan** and **energy efficiency**.



The ABO from TESVOLT is the only technology of its kind worldwide that actively enables charging and discharging of cells with maximised energy efficiency and minimal standby energy consumption.

TESVOLT is making a name for itself on the global market with **energy storage systems** that represent true innovation leadership.

Broadest product portfolio in the industry.

Up to double the lifespan of the competition

	TESVOLT	Market standard*
Service life:	Up to 30 years	10–15 years
Full charge cycles:	Up to 8,000	4,000
Stand-by consumption:	3 to 5 watts	40–70 watts
Battery efficiency:	>98%	<90%

*Based on comparisons with well-known competitors

PRIZE-WINNING

Winner of the 2018 German Entrepreneur Award and many other awards



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PRODUCT EXAMPLES

TS-I HV 80

The allstar for back-up power off-grid, multi-use and much more. TESVOLT's first solution with an integrated inverter and TESVOLT Energy Manager.



TPS-E

The all-rounder for ancillary services, industrial operations and charging parks.

