

Why TESVOLT Energy Storage ?

Proven project references in Australia (UEA-Tesvolt)

Solar Farm + Battery Storage, Yamarna Exploration Camp WA, Monash Uni, Christmas Island, Rocky Ridge Brewery, Pemberton, Manjimup Farm, Perth Transport (PTA) E-bus, Sandvik Centre, etc.

We have an 8 years track record in Australia delivering safety and reliability.

60 minutes discharge & charge rate 1C (NMC)

DC fast discharging is essential for continuous power supply when your battery state of charge is lower than 50% but power surges and draws need to be handled.

Example: 20% SOC (state of charge) = 100kWh, 70kW power required - no issues, surge or peak shaving, etc.

Safety & efficiency comes first TUV certified

Tesvolt storage systems are currently not only among the highest performing storage systems on the market but are also among the safest.



Award-winning battery management system (BMS)

The highly efficient, safety-orientated and certified battery management system developed by TESVOLT comprises the active battery optimizer (ABO - monitors and controls each individual cell in a battery module (stack) and the active power unit (APU - monitors, networks and controls the whole system).



Made in Germany

Tesvolt to grow ESS manufacturing capacity 10-fold with new plant in Germany, in the town of Lutherstadt, Wittenberg.

Construction on the new plant will start in spring this year and be completed in 2024, with an eventual annual production capacity of 4GWh. Our new Gigafactory is set to produce up to 80,000 storage systems per year.



Flexibility to expand the modular system

Modular open rack battery architecture 2-16 modules, flexible extension / additional rack can be added to meet future demand up to MWh scale



Oct 2022 - Certification body TÜV Rheinland has classified TESVOLT battery storage systems as safe. The storage systems passed the prestigious institute's rigorous safety tests, making TESVOLT one of the few manufacturers on the market that can verify the safety of its energy storage systems for commerce and industry with certification from the independent testing institute. The certificate confirms both the electrical and functional safety of its products.

FULL LOCAL TECHNICAL SUPPORT



AWARD WINNING TECHNOLOGY



LARGEST PROJECT AWARD
GLOBAL LEADING PROJECT AFRICA

