

Tesla powerwall germany

Just minutes after Tesla officially announced the arrival of the Powerwall 3 in the UK on Monday, the company's Energy account on X shared that the equipment is also now available in Germany. In both countries, Tesla says the Powerwall 3 is available with zero value-added tax (VAT), now becoming the fourth country to get the next-generation energy storage product.

Tesla's Powerwall 3 was first spotted being quietly installed around the U.S. last year, and Elon Musk in September finally publicly addressed the wave of next-gen Powerwall installations. He pointed out at the time that the new Powerwall was optimized for easy installations and high power, meaning that it works as a source of uninterrupted power in most cases.

Although Tesla began listing specs for the Powerwall 3 on its website later that month, the company didn't officially launch the product in the U.S. until February. Last month, Tesla debuted the Powerwall 3 in Canada, becoming the second country to get access to the next-gen product.

One of the differences between the Powerwall 2 and 3 include the addition of a built-in solar inverter and system controller in the next-gen version. In addition, Musk highlighted the importance of the Powerwall 3's increased peak power in a post on X, just following its official launch.

What matters most about Powerwall 3 is that it can handle peak power of ~30kW, which is enough to handle dryers & air-conditioners, Musk wrote. This means that a single Powerwall is now enough for most homes.

Tesla says its new home battery, the Powerwall 3, has twice the power of the previous model with a battery capacity of 13.5 kWh and a maximum charging and discharging capacity of 4.6 kW. The size of the overall installation is variable according to customer needs: Up to four Powerwall 3 batteries can be scaled for one application. The product can be managed via the Tesla App and adapted to different needs. It weighs 130 kg and measures 1099 x 609 x 193 mm.

The US company is highlighting the advantage of "emergency power protection" offered by its new Powerwall generation. This feature means the Powerwall can automatically detect failures and become the house's energy source when the mains power fails. In the event of a power failure in Europe, the inverter can deliver between 3.68 and 11.04 kilowatts.

The company points out that the integrated photovoltaic inverter also means customers do not have to purchase a third-party inverter. DC coupling ensures greater energy efficiency and easier installation, as fewer components must be installed.



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The thermal management system of the photovoltaic home storage system has also been redesigned based on the technology of the Tesla Model 3 electric car. This means installation is possible indoors and outdoors and can be operated at temperatures between -20 and 50 degrees Celsius. In addition, the robust design can withstand extreme weather conditions, so normal operation is guaranteed even in high humidity and flooding up to 60 centimeters of water.

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