

Germany's solar-powered stadium



GEL Battery



Lithium Battery



Container storage system



Power Battery



Overview

In Germany, Borussia Dortmund's Westfalenstadion has become home to the world's most powerful photovoltaic system ever installed on a stadium roof, offering a potential template for other venues grappling with rising energy costs and mounting pressure to reduce carbon emissions. The new photovoltaic system at SIGNAL IDUNA PARK, which was developed as part of the sustainability partnership between BVB football club and RWE, is now complete. In a partnership with energy giant RWE and China-based leading PV module manufacturer JA SOLAR, Borussia Dortmund and RWE have reached a major sustainability milestone with the completion of a next-generation photovoltaic system at SIGNAL IDUNA PARK.

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[Germany: The largest solar installation ever built on a stadium roof](#)

Borussia Dortmund and the energy company RWE have set a new standard in professional sports. Signal Iduna Park now features the most powerful rooftop photovoltaic

Why Borussia Dortmund's Solar Stadium Roof is World's Best

In Germany, Borussia Dortmund's Westfalenstadion has become home to the world's most powerful photovoltaic system ever installed on a stadium roof, offering a potential template for



[World record: BVB and RWE complete the most powerful PV system](#)

With 11,132 solar modules and an output of over 5 megawatts (MWp), Germany's largest stadium now boasts the world's most powerful PV system ever installed on a stadium roof. Going

Football Stadiums Power Up With Solar And Batteries

European football clubs are increasingly investing in renewable energy to power their stadiums and reduce reliance on the grid. German giant Borussia Dortmund is upgrading its facility



BVB and RWE Complete World's Most



[BVB is going to install the largest solar system in their stadium](#)

Borussia Dortmund, one of Europe's most iconic clubs, takes a major step toward the energy transition by announcing the installation of the largest solar system in a stadium in Germany.



[Largest solar power plant on stadium roof to be installed at Signal](#)

Signal Iduna Park, the home of Borussia Dortmund Football Club, is set to become the site of the world's largest solar power plant installed on a stadium roof.



Powerful Stadium Solar

The system features 11,132 solar modules and delivers more than 5 megawatts peak output. With this capacity, Germany's largest stadium will now be able to cover up to half of its total



[World record for BVB and RWE: Germany's largest stadium now has](#)

With 11,132 solar modules and an output of over 5 megawatts (MWp), Germany's largest stadium now boasts the world's most powerful PV system ever installed on a stadium roof. Going



The World Class Solar Array Atop Borussia Dortmund's Stadium

Borussia Dortmund & RWE have finished installing the 5 MW array at Signal Iduna Park, claiming the title of world's most powerful stadium roof solar system.

[Germany to house world's largest stadium solar roof with 11,000 panels](#)

Borussia Dortmund, a leading soccer club in Germany's Bundesliga, is set to construct the world's largest stadium solar roof with 11,000 photovoltaic panels and a 4.2 MW energy capacity.



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