

Why Doosan GridTech?

When integrating renewable energy generation and optimizing storage in hybridized or standalone applications, Doosan GridTech delivers reliable, tailored solutions. Our vendor-neutral Power Plant Controller (PPC) platform ensures seamless integration into your infrastructure, whether paired with solar, wind, or operating independently. By selecting and recommending the best-performing technologies, our flexible, open-standards-based platform provides high reliability, low risk, and integrated, continuous data diagnostics to address modern grid challenges, meeting today's demands while adapting to tomorrow's needs.

Proven Expertise in Energy Storage Solutions

Our battery energy storage specialists have successfully designed and integrated systems across the globe. With adaptable controls, these installations demonstrate our ability to deliver reliable, scalable energy storage solutions worldwide. Investing in our technology maximizes performance by offering advanced configurability and the flexibility to stack a diverse set of operating modes, optimizing performance to meet complex operational needs.

Advanced Technological Solutions

Our DG-IC[®] platform provides precise control over Battery Energy Storage Systems (BESS), empowering utilities and energy providers to seamlessly integrate renewable generation resources, enhance grid reliability, and maximize operational efficacy and efficiency. From design through maintenance, we simplify and streamline processes, enabling you to meet energy demands and achieve your goals with confidence.

End-to-End Energy Storage Solutions

Doosan GridTech offers full-service design and implementation for energy storage systems, tailored to your operational goals. From initial design through commissioning, procurement and maintenance, we manage every step to deliver high-performance energy storage facilities. Our hardware-agnostic platform, combined with DG-IC[®] control software, ensures flexible and cost-effective solutions.

Effortless Integration with Open Standards

Doosan GridTech's open communication protocols streamline integration, minimizing complexity to ensure seamless compatibility with your existing platforms and hardware. We design to industry standards such as MESA, SunSpec, DNP3, and Modbus, enabling smooth interoperability. Our flexible, hardware-agnostic approach safeguards your investment while positioning you for scalable growth, empowering you to expand your energy infrastructure without the constraints of vendor-specific limitations.

Real-Time Simulation for Confident Decision-Making

At our Bellevue, Washington lab, you can experience the power of DG-IC[®] in action through real-time simulations using advanced hardware-in-the-loop (Typhoon HIL) technology. This hands-on experience inside our Voice of the Customer (VoC) Lab allows you to test operations, configurations, operating mode responses, grid rules compliance, energy storage responses, and pre-commissioning performance validation across diverse scenarios, showcasing how DG-IC[®] enhances system stability and mitigates financial risk.

A Century of Expertise Working for You

Doosan GridTech, backed by the 128-year legacy of our parent company, delivers innovative and reliable energy management solutions tailored to your needs. While we operate independently as leaders in advanced energy storage technologies, the strength and stability of Doosan ensures you receive dependable, customized solutions that drive efficiency from the start. Our Doosan-backed warranties and proactive risk mitigation offer added assurance, safeguarding your investments every step of the way.



Customer Benefits at-a-Glance

Comprehensive Project Management

We manage every stage from design to operational support, ensuring your projects stay on track and meet performance goals.

Flexible, Scalable Platform

Our hardware-agnostic systems and open protocols ensure seamless integration and support future growth, extending the longevity of your investment.

Advanced Technology

The DG-IC[®] platform enhances energy control and boosts reliability, delivering operational stability and financial predictability. Using advanced HIL simulations at our Voice of the Customer (VoC) Lab, it ensures performance validation, optimized responses, and seamless integration.

Procurement Benefits

We source best-in-class batteries, PCS, switchgear, and transformers with competitive pricing and lead times. This minimizes contractual risks, ensures reliable delivery, and supports schedule adherence, providing unmatched value and performance for our customers.

O&M Guarantee

We offer comprehensive long-term service agreements (LTSA) for operations and maintenance, and capacity performance guarantees to ensure long-term system health, providing added security for your investment.

Focus on Sustainability

We're dedicated to supporting your transition to low-carbon generation, helping you reduce environmental impact while optimizing costs.

Experience the Doosan GridTech Advantage

Doosan GridTech is more than just a technology provider—we're your strategic partner in advancing the energy future. With our comprehensive, off-balance-sheet design services, we bring the expertise to design, procure, deliver, commission, and provide ongoing operations and maintenance for your projects.

Connect with us today to explore how our agnostic BESS or hybrid PPC solutions can help you overcome operational challenges and lead the way in sustainable energy storage.