



Paralleling Switchgear



SHALLBETTER

Energized Design

Powerful solutions are the passion of our engineers. Where there is a challenge, there has got to be an optimal answer. Shallbetter designers are driven to respond.

Believers in determining the best solution for each unique set of needs, Shallbetter's team of mechanical and electrical engineers use their formal schooling, training, and vast amounts of experience to answer the exclusive circumstances of each customer. Time, performance and production all factor in. And, with the latest technology available for design, engineering and manufacturing of power systems, we are able to ensure reliability and quality.

The systems and processes are designed to achieve the requirements of the customer without squandering resources.

That's powerful engineering.



Critical Specifications

A single engine fueled by landfill gas was the application for this 3000 amp, low voltage, paralleling switchboard. The ability to softload and unload with the local utility was critical to the project.



This Switchgear is also shown on the cover.

Enhanced Design

The ability to combine vacuum circuit breakers and load interrupter switches enhanced this 4160 volt medium voltage project for a school project. The four-section lineup provided control, protection and switching for two 1825kW generator sets with the capabilities of Demand, Export, Isolated and Standby power.



Compatible Engineering

DGX™ Switchgear is designed for distributed generation applications with a single GenSet paralleled to a utility. DGX can be manufactured to accommodate 600V through 38kV applications, with many standard modes of operation. Operational modes include: Standby, Isolated, Base Load, Load Demand and Export. DGX is also ideal for upgrading existing GenSets and non-automatic switchgear.



Customized Upgrades

This Nema 1, UL 891 listed, paralleling and distribution switchgear was part of an intense, specification driven upgrade of a water treatment facility for a major metropolitan area. The project required a 3000A, four pole, main-tie main, and a new master control section to totalize the output of two existing and one future diesel generator systems. Customization included individual color-coded wiring.



Network Control

This design and build project for a leading financial institution required the manufacturer to develop a 15kV metalclad paralleling system that would successfully control six 2 megawatt diesel generators and three utility feeders on a spot network through three modes of operation: Standby, Curtailment with Zero Power Transfer and Base Load.

Worldwide client base

Shallbetter products play a role in energizing every continent on Earth.

The scope of our distribution is augmented by our global service record. To accomplish performance, our employees have grown in number and in experience. We recognize our responsibility to the millions of households and businesses we affect. So, as we complete the circuit, from power distribution to power quality, from power reliability and back again, we emphasize improving each component of our product line.

We are self-sanctioned to invest in our resources, and to produce safe, reliable products for our neighbors across the street and around the world.

That's Shallbetter commitment.





High-Quality Power

We put our energy into quality; the result is powerful.

Our ISO 9001 certification is a tool, not just a certificate, which employs an enhanced comprehensive Quality Management System (QMS) aimed at exceeding the high standards our clients expect. The performance of our integrated sales and management teams are harnessed to create complete customer satisfaction.

We stringently self-test and inspect every component of each product we make. Our hands-on process assures it. Shallbetter products meet or exceed the requirements of ANSI, CSA, IEEE, UL and the NEC.

For our customers, we empower our employees to achieve the highest quality of work, to supply the most reliable products.

That's Shallbetter performance.



SHALLBETTER

Vision Statement



We the Shallbetter team, will be a world-class company trusted by our vendors, respected by our competitors, and revered by our customers. We will be synonymous with “quality” and “customer service” to safely distribute reliable, high quality power on a global scale.

The line of people waiting to join our team will only exceed the line of customers waiting to do business with us. Our community, society, and future generations will enjoy a better life because we are here ... as a company, as a team, as a family.

Statement of Purpose



To provide safe reliable power solutions for the benefit of all.



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