

Blue Star utilizes the highest quality generators available. Our industrial generators provide consistent performance, quality design, and great durability required for long life and versatility. Generators used by Blue Star are UL Listed (unless specified otherwise), which guarantees that each one meets the rigorous demands of industrial power generation and will provide safe and effective service for the life of the generator. Blue Star generators range from 20 kWe through 2000 kWe.



Standard Features

► Enhanced Ventilation

Created by a high-efficiency fan that optimizes internal airflow patterns, maximizes heat transfer, and minimizes hot spot differentials for extended winding life.

► Fully Guarded

For operator safety and generator protection. No rotating or electrically energized parts are exposed. All openings are covered by louvers or screens.

► Large Conduit Box

Provides ample space for easy connections and allows load line access from all sides, top, or bottom.

► Design Specs and Agency Approvals

All Blue Star generators are UL Listed (unless specified otherwise) and meet NEMA MG1-22, BS5000, CSA C22.2, IEC 34-1 and VDE 0530 requirements.

► Class H Insulation System

Utilizes an unsaturated polyester varnish for optimal insulation life and superior moisture protection.

► Optimized Windings

Provide low reactances and exceptional motor starting capability. The stator windings utilize a 2/3 pitch to minimize harmonic distortion and facilitate parallel operation.

► Permanent Magnet Generator (optional)

Ensures 300% short circuit current during fault conditions and provides the regulator with input power isolated from load distortion.

► Shielded Heavy-Duty Bearing

Resists contamination and gives a minimum B-10 life of 40,000 hours.

► Automatic Voltage Regulator

Provides accurate 1% regulation, under-speed protection, stability adjustment to optimize transient performance, and EMI filtering to commercial standards. Fully encapsulated for rugged durability in virtually any environment.