

Sizing and Selecting Your Standby Generator

With all the electric equipment that keeps homes, farms and other businesses running, a power outage can create devastating losses in production and income. Water pipes can freeze as central heating sources become useless. Refrigerated foods can spoil. It pays to know about standby generator options and proper sizing procedures.

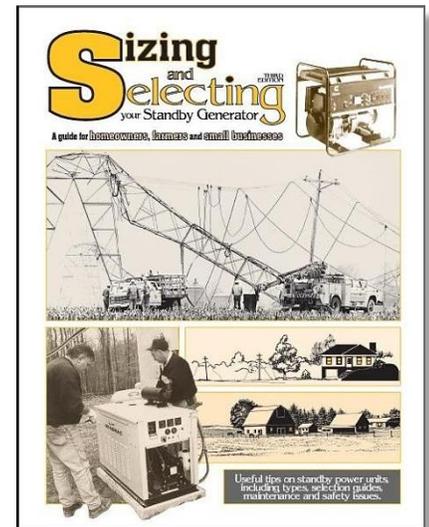
A Practical Guide to Generators:

This 20-page booklet, *"Sizing and Selecting Your Standby Generator"*, explains the operation, sizing, and installation of electric generators. It covers not only applications for homes, but offers sizing procedures for farms and small business applications. The guide provides information on both engine-driven and tractor-driven generators.

A step-by-step method is provided to accurately size the generator according to the loads it will serve. Portable generators for small loads are discussed, as well as larger, permanently-installed setups. For applications with motor loads, the effect of a motor's higher start-up current is explained to allow sufficient generator capacity.

Separate chapters discuss key installation considerations, with an emphasis on the need for a double-throw switch and safe electrical connections. The critical importance of separating the generator power from the utility system is stressed, to reduce electrical hazards for utility workers and others.

- Written for electric power suppliers, rural homeowners, farmers and small businesses
- Examples are used to explain the sizing procedures
- Numerous visuals help clarify key concepts
- More than 30 generator suppliers and their websites are listed



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