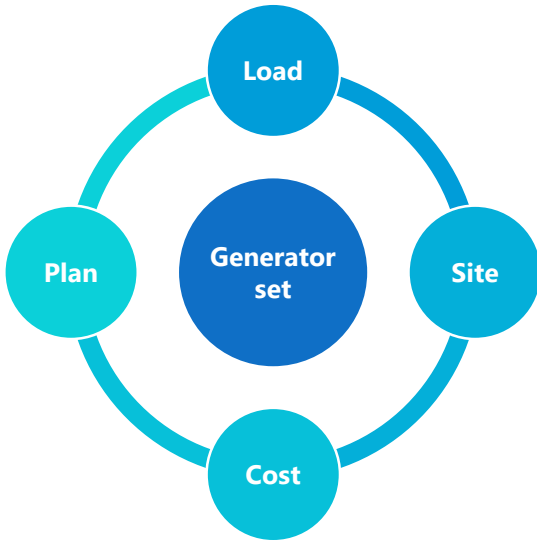


4 Factors to Consider When Selecting a Generator Set

Denyo[®]

Power for the world



The generator set remains essential for many operational applications where grid power is not available or feasible, such as buildings, infrastructure, manufacturing, or outdoor events, to name a few.

However, did you know that each project presents unique challenges and requirements that must be met?

Therefore, choosing an appropriate generator for your project is of utmost importance.

If you are considering the best power solution for your project, here are four important factors to consider.

1. What is your electricity demand?

The appropriate size of a generator set depends on the electrical load. The following factors should be carefully considered:

- The type of load (e.g., office lighting, pumps, etc.)
- The required capacity (in kVA or kW) for the specific application
- The number of phases (single or three-phase), voltage, and frequency

Determining the correct sizing for a generator set is not a simple task of gathering information. It requires the expertise of a certified electrician to guide you in the right direction. Oversizing or undersizing (insufficient load) are common mistakes made by buyers, which could potentially damage your new equipment and have a negative impact on your business.

2. Where should it be installed?

When operating a diesel-driven generator set, it requires air intake for combustion and proper ventilation for exhaust gas and airflow. However, if you need to set up the generator set indoors, it is essential to ensure sufficient ventilation for optimal performance and safety.

Why is this important? Because the generator set needs proper airflow to function effectively, and inadequate ventilation with poor air circulation indoors can potentially result in unexpected system failures when the engine combusts and dissipates heat into the surrounding area.

3. How about the cost?

A generator set is commonly utilized in demanding conditions and for extended periods. Consequently, you must also consider the ongoing expenses, including fuel and maintenance costs. Since it is a significant investment, it is prudent to contemplate engaging a reputable generator set vendor that can supply high-quality power generator sets and offer technical support whenever required.

4. What are your future plans?

Is your plan a single-step process?

Having robust and durable generator sets that can be utilized repeatedly and for extended periods will be beneficial for your upcoming plans. Additionally, having generator sets that can be resold as secondhand equipment would add flexibility to your overall plan, providing additional revenue opportunities.

At Denyo, we offer more than just generator sets. We actively listen to your needs and provide guidance on critical parameters to ensure optimal and reliable operation of your generator set. Our goal is to deliver value to you and help you achieve zero power failure.

If you have any further questions or are uncertain about your site conditions, we encourage you to reach out to us for a no-obligation discussion.

The mentioned cases are merely illustrative examples of installations and do not encompass all the necessary structures and circuits. The installation should be carried out in accordance with the specific site conditions. Please note that the provided specifications and descriptions are subject to change without prior notice.



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