

Diesel Power Generation

Cummins vs CAT: Which Is Right for You?



Overcoming power outages is a reoccurring challenge US businesses face. It costs an estimated \$150 billion every year. Therefore, it behooves facility managers to find other power options. Many companies are solving this issue by generating their own on-site power with diesel generator sets. The top two manufacturers and brands are Caterpillar (CAT) and Cummins Power Generation in ranking order. Both sell diesel generators to keep a business going even when the power is out.

Why a Diesel Generator?

Adding diesel generators to a facility has been a popular solution for decades, even with higher emissions restrictions. Why? Because they are:

- Cost-effective
- A reliable source of power
- More fuel-efficient than other types of generators
- Provide longer run times on the same amount of fuel as compared to gas-powered generators
- Need limited maintenance other than regular oil changes
- Last three times longer than those using gasoline
- Safer with less risk as compared to gasoline ones

Comparing Cummins vs. CAT

Cummins Power Generation	Caterpillar
Cummins Power Generation claims they provide the best solution because their sell a complete power system with all the equipment designed to work together and manufactured by Cummins (The Power of One) — generator, transfer switch, switchgear, etc.	Caterpillar claims the biggest difference is CAT's generators are easier to get a permit for and even easier to install and use
Designed to provide reliable service for a long time (when maintained) because they use an intensified alloy and casting cylinder	Provide clean and economical power in a reliable way, even in the most difficult and demanding environments
Have a unique water pump system that uses cool water to keep the generator from overheating	World's largest manufacturer of diesel engines, providing an almost unlimited number of specifications available
Work at a high level while producing less noise and vibration	Sell generators for every building size and application
Provide good fuel economy	Higher fuel efficiency
Spare parts are plentiful and easy to get	Easier to maintain than other generator brands generator will perform at a high level no matter the load that is being placed on it