



# Generator blade installation direction requirements

How deep should a generator be?

Prepare a rectangular area approximately 5 in (127 mm) deep (A) and approximately 6 in (152 mm) longer and wider (B) than the footprint of the generator. Verify the surface where the generator will be mounted is compacted, leveled, and will not erode over time. A concrete pad can be poured if desired or required.

What are the NFPA guidelines for installing a generator?

Based on this testing and the requirements of NFPA 37, Sec 4.1.4, the guidelines for installation of the generators listed above are changed to 18 in (457 mm) from the back side of the generator to a stationary wall or building (C).

Where should a generator be installed?

**CODES MAY REGULATE THE DISTANCE AND LOCATION.** The generator must be installed on a level surface. The generator must be level within a 0.5 in (13 mm) all around. The generator is typically placed on pea gravel, compacted soil, crushed stone, or a concrete pad. Check local codes to see what type is required.

How do I install a generator set?

Install the generator set on a concrete pad or base slab able to support its weight and accessories. A proper foundation is needed to resist dynamic loading and reduce transmitted noise and vibration. The exact composition of the mounting pad must follow standard engineering practices for the required loading and application.

Do I need to review the safety rules when installing a generator?

It is highly recommended that the installer review the safety rules at the beginning of this manual for specific dangers, cautions, and hazards associated with the installation of any industrial product. When installing the generator set and connecting any of the wiring it is important to keep the generator and system de-energized and disabled.

What are the safety requirements for a generator?

For fire safety, the generator must be installed and maintained properly. Installation must always comply with applicable codes, standards, laws and regulations. Adhere strictly to local, state and national electrical and building codes. Comply with regulations the Occupational Safety and Health Administration (OSHA) has established.

This wind generator comprises a high-quality aluminum alloy body and nylon fiber blade, features low start-up speed, high wind energy utilization, and low vibration. The turbine adopts a three-phase magnet motor, built-in controller, and hoop ...

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