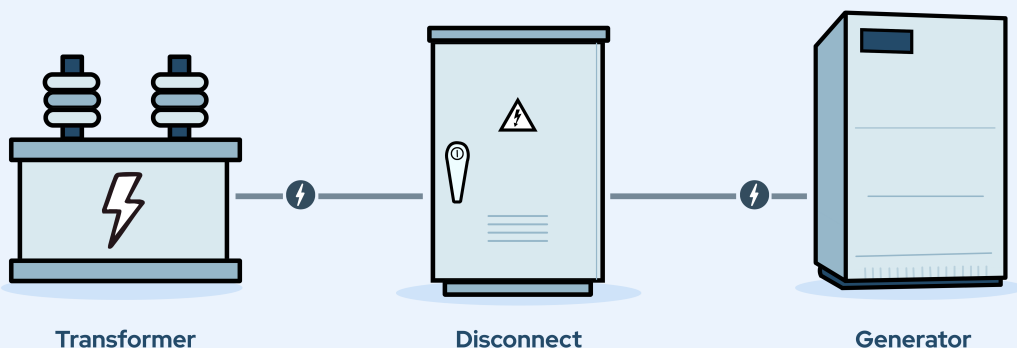




Generator Wiring



Hey there Subscriber,

Summit Industries would like to share additional guidance regarding wiring requirements for generator installations, as outlined in the installation manual.

Wire size requirements are based on **voltage drop control**, rather than load capacity alone.

For typical installations:

- Conductors running from the **distribution transformer to the main disconnect** are often longer and may require larger wire sizes to minimize voltage drop.
- Conductors running from the **room electrical disconnect to the generator** are typically short runs.
- The maximum wire size that can be connected at the generator cabinet input line fuse holder is **35 mm² (AWG 2)**.
- Upstream conductor sizing is typically determined by total length and voltage drop.

When determining conductor sizing, the total length of the electrical run should be considered to ensure proper line voltage at the generator.

For additional installation guidance or project-specific support, please contact Summit Industries Technical Support.



Have More Questions?

Browse our authorized dealer portal website. This site contains documentation to assist with installation, maintenance, and troubleshooting of Summit supported X-ray equipment.

SUMMITXRAY.COM →

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