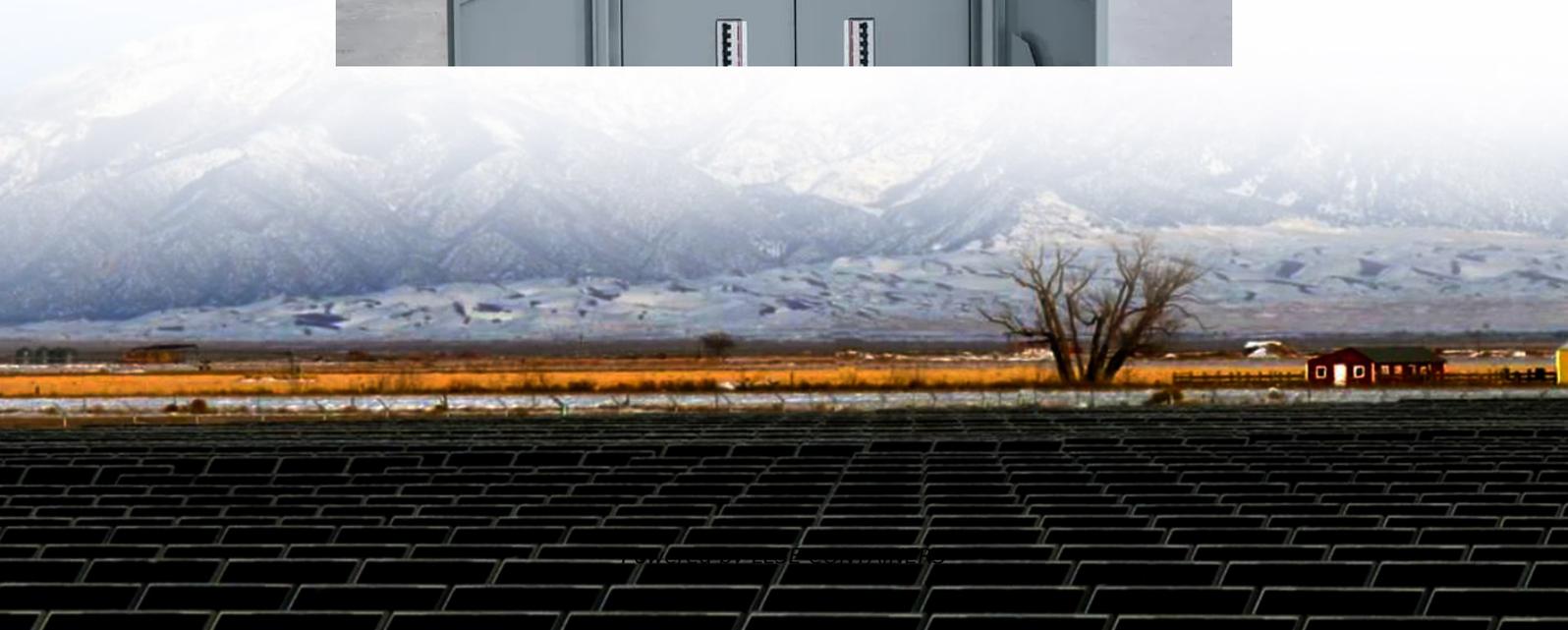


Base station room hybrid energy grounding wire





Overview

What is a source grounding system?

Source grounding may be accomplished by the grounding of the generator(s) and/or power transformer(s). Grounding transformers may be utilized in lieu of source grounding. A brief overview of each of these grounding methods is given below. II. LOW-RESISTANCE GROUNDED SYSTEM.

What type of grounding should a generator have?

The design engineer faced with the dilemma of protecting the generator for internal ground faults and providing grounding for the system has traditionally chosen one system and lived with the risks. The traditional choice for medium-voltage systems has been low-resistance grounding.

What are the different types of power system grounding?

There are several methods of power system grounding. These include low-resistance grounded (LRG), effectively grounded, reactance grounded, high-resistance grounded (HRG), and ungrounded. Source grounding may be accomplished by the grounding of the generator(s) and/or power transformer(s).

Which type of grounding is best for a medium-voltage generator?

The traditional choice for medium-voltage systems has been low-resistance grounding. This is an excellent choice for medium-voltage power systems, except for the generator itself under internal ground faults. The various solutions for grounding and protecting generators are discussed below.



Base station room hybrid energy grounding wire



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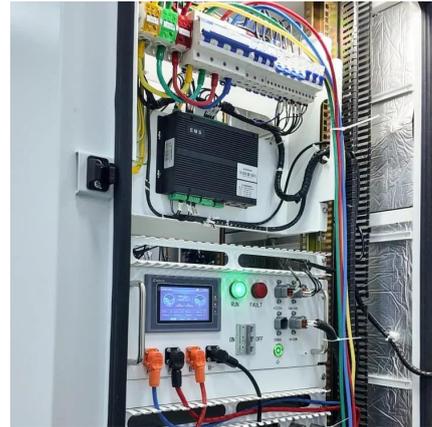
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