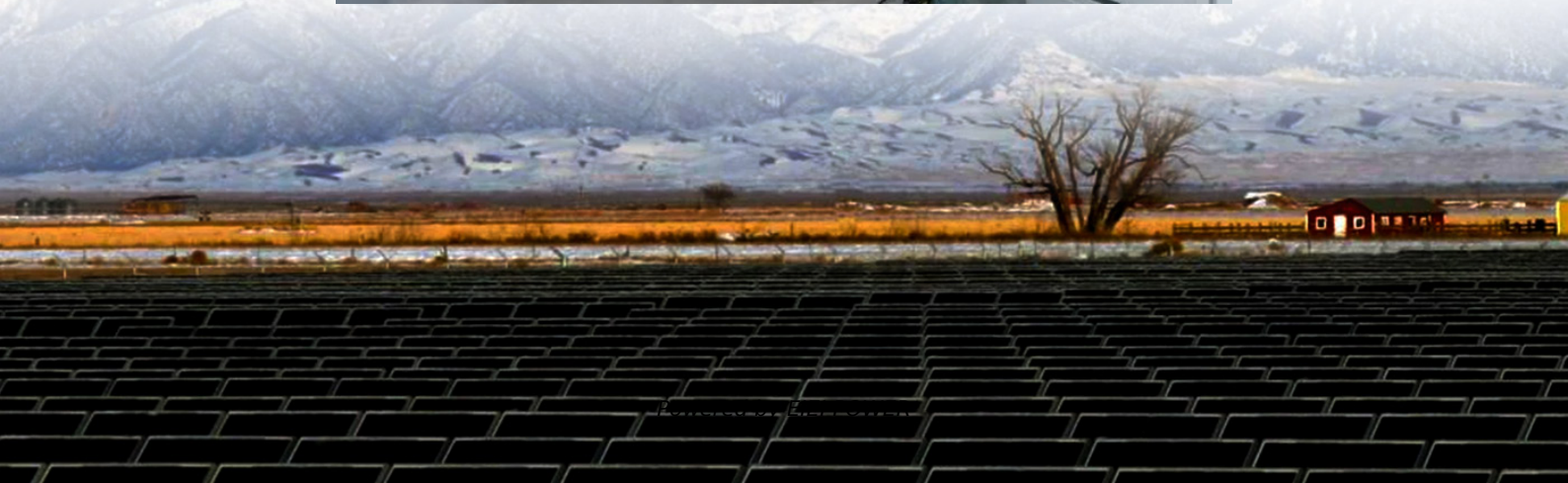


UPS uninterruptible power supply environmental requirements





Overview

What are uninterruptible power supply standards?

Uninterruptible power supply standards are established technical frameworks that define the minimum acceptable levels of safety, functionality, and efficiency for UPS systems. These standards are not arbitrary they are the result of decades of research, development, and practical field data gathered by industry experts, scientists, and engineers.

Why are uninterruptible power supplies important?

In times of increasing relevance of decentral power supplies and decreasing reliability of the power supply networks, uninterruptible power supplies (UPS) become more and more important.

What is the Energy Star product specification for uninterruptible power supplies?

Following is the Version 2.0 ENERGY STAR Product Specification for Uninterruptible Power Supplies (UPSs). A product shall meet all of the identified criteria if it is to earn the ENERGY STAR. Static UPS: UPS where solid-state power electronic components provide the output voltage.

How efficient is an UPS system?

The efficiency of UPS systems varies with loading; typically the more highly loaded they are, the more efficient. Lightly loaded systems could be losing 15% or more of the energy supplied to the equipment downstream. The loss is from the power conversion within the UPS, which creates heat that must then be managed.



UPS uninterruptible power supply environmental requirements

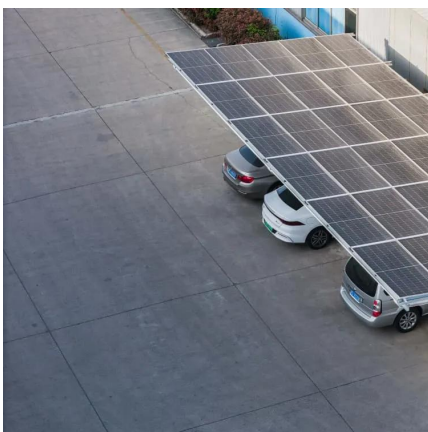


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