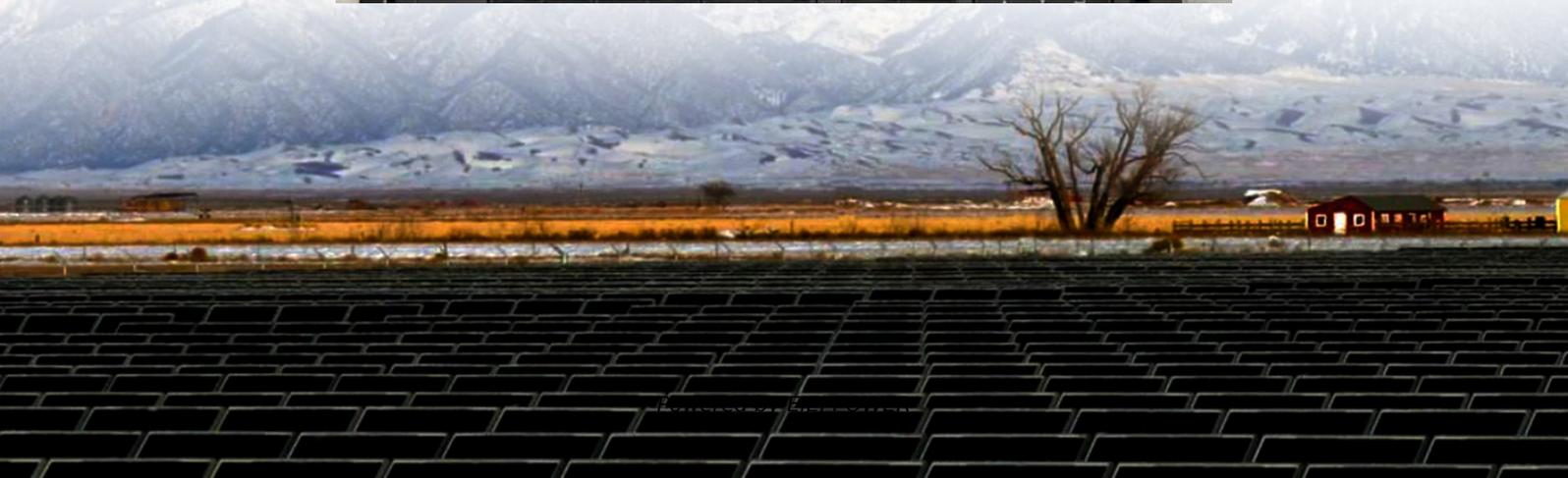


Recommendation of UPS uninterruptible power supply for Somaliland mining





Overview

What are uninterruptible power supplies (UPS)?

Uninterruptible power supplies (UPS) are not a new technology but over recent years their application to the mining industry has increased in terms of volume and rated power. UPS installations come in various shapes and sizes that are specific to each application and the associated electrical installation.

How to regulate the output of a UPS system?

Generally the output of the UPS system must be regulated sinusoidal with low total harmonic distortion (THD), irrespective of the changes in the input voltage and abrupt changes in the load connected to the system .

Are ups suitable for electrical installations at mine sites?

risks may be created by arcing, fire, fumes or acids/chemicals associated with the batteries. Not all UPS installations are suitable for connection to electrical installations at mine sites. Specialist consultants should be involved in the design of the installation to ensure the application is fit for purpose.

How to choose UPS system?

The selection of UPS system is strongly dependent on the application for which the system is chosen. Applications such as hospital life support and medical equipment, military equipment's, and communication devices cannot tolerate any power interruption even for very short period of time.



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