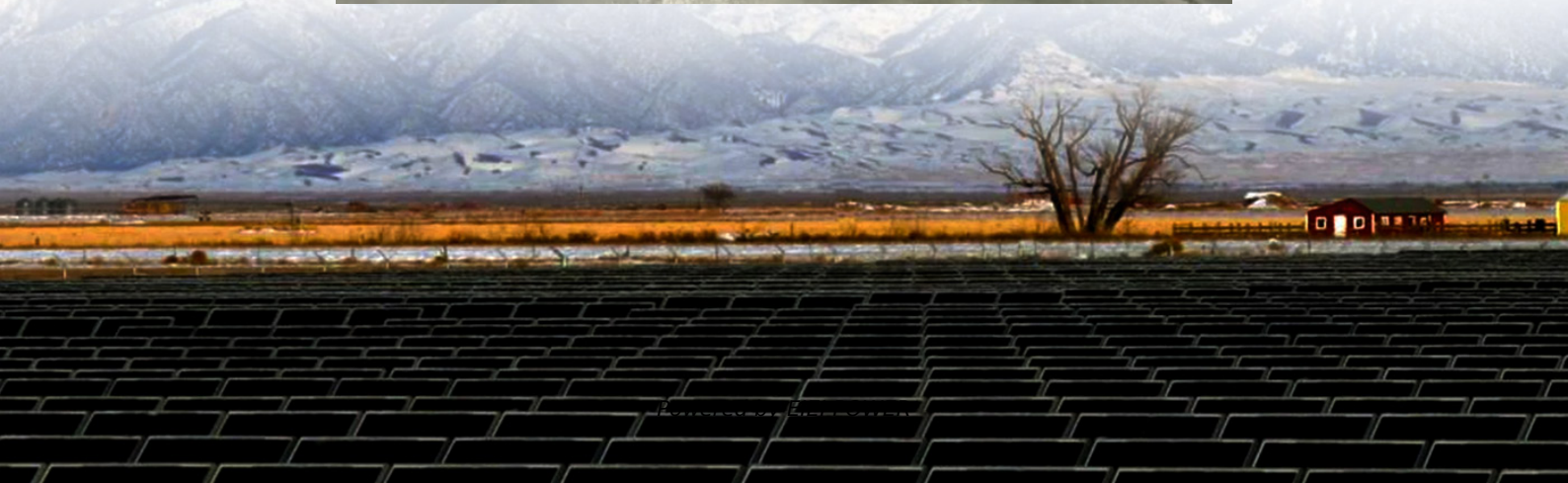


# **Uninterruptible power supply UPS generally has the following functions**





## Overview

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What is an uninterruptible power supply (UPS) system?

Introduction Power distortions such as power interruptions, voltage sags and swells, voltage spikes, and voltage harmonics can cause severe impacts on sensitive loads in the electric systems. Uninterruptible power supply (UPS) systems are used to provide uninterrupted, reliable, and high-quality power for these sensitive loads.

What is the main function of a ups?

Its main function is to provide uninterrupted power supply for a single computer, computer network system or other power electronic equipment. When the mains input is normal, the UPS uninterruptible power supply stabilizes the mains and provides the load for use.

Why should you use ups power system?

The use of UPS power system can provide stable voltage power supply for user equipment, guarantee the normal operation of the equipment and prolong the service life. 3. The surge protection function of ups power supply.

How does a ups protect a device from sudden power failure?

An uninterruptible power supply (UPS) protects valuable devices from sudden power failures by providing backup power during power outages. This ensures a steady power supply to connected devices.



## Uninterruptible power supply UPS generally has the following funct



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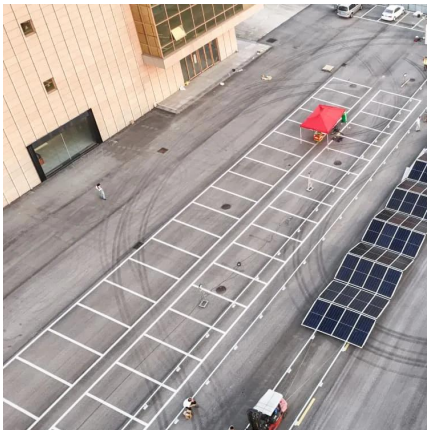


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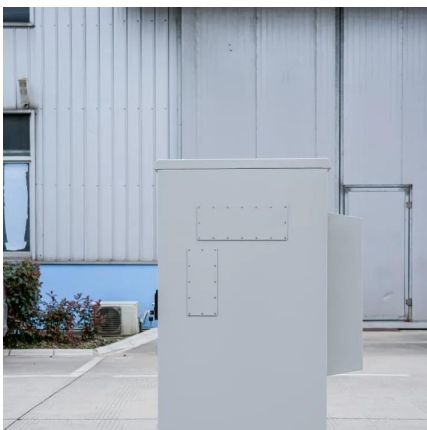


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Uninterruptible Power Supply Working Standby  
UpsLine-Interactive UpsMotor-Generator Set  
Figure 1 shows the principles of operation of an electronic UPS. Single- or three-phase power is obtained from the power system and is rectified to DC. Floating on the DC bus is a battery bank that provides energy storage to keep the system operating during an interruption. Clearly, the larger the battery bank, the longer the system can operate. Th See more on electricalacademia Schneider Electric Global

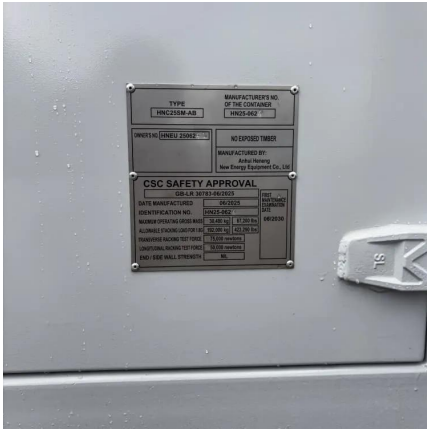
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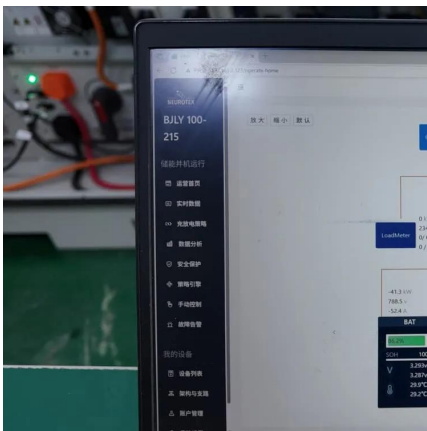


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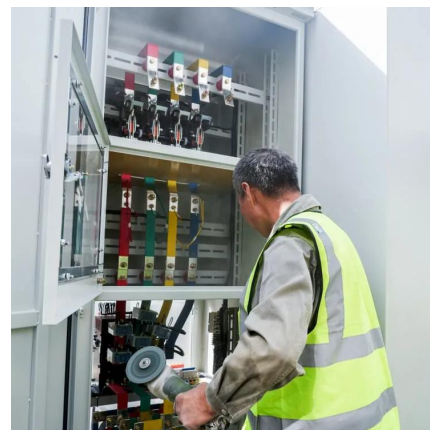


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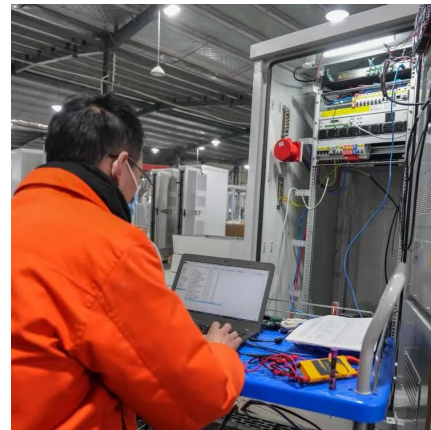


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