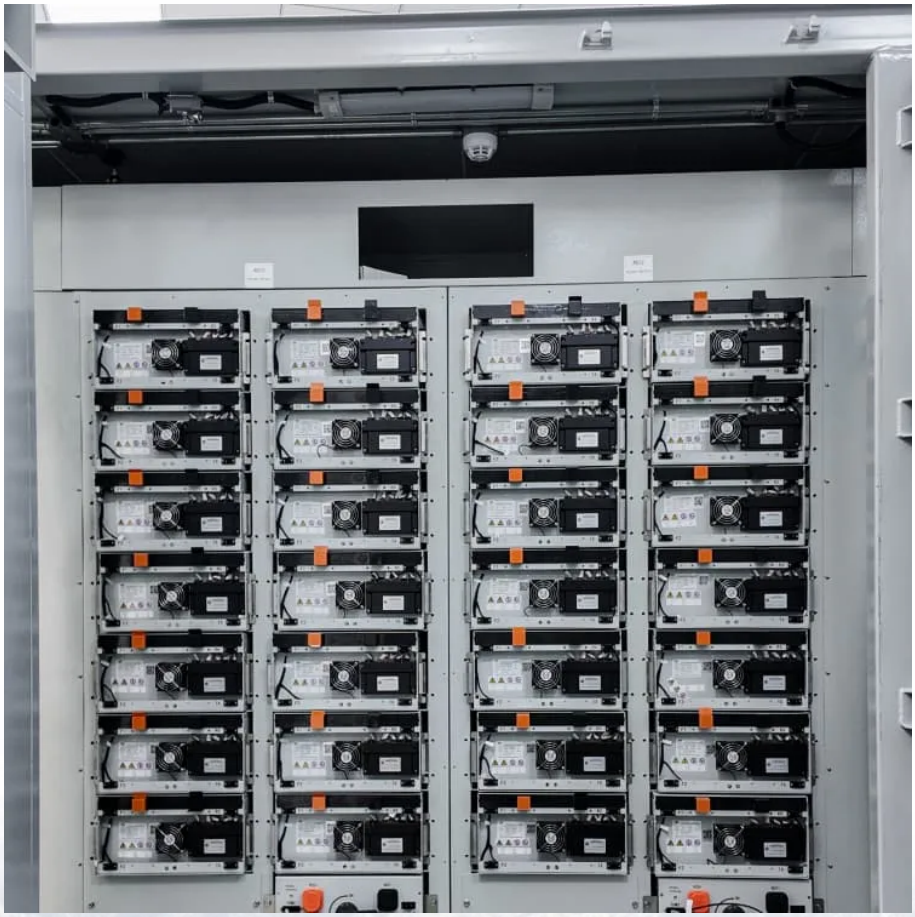
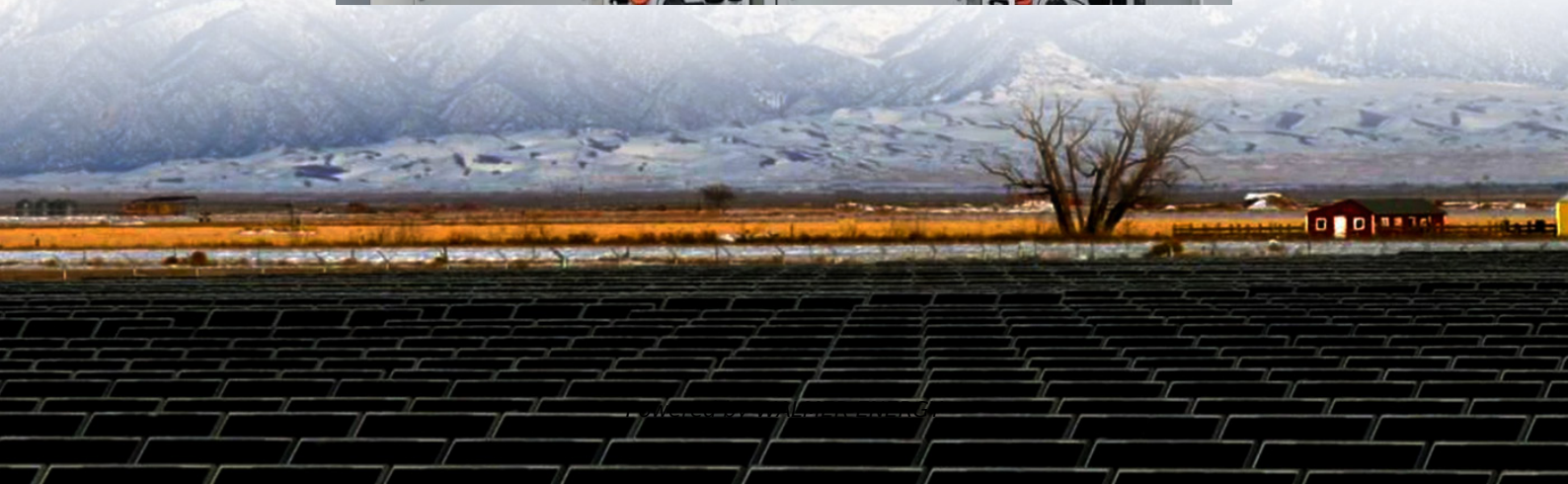
WALMER ENERGY

What is the discharge current of the uninterruptible power supply battery





Overview

The battery discharge current can be calculated according to the following empirical formula: Discharge current = UPS capacity (VA) x power factor/ (battery discharge average voltage x efficiency)What happens if the ups power supply battery is not discharged?

Due to excessive light load operation, if the UPS power supply battery does not have a deep discharge protection system after a power outage, it may cause excessive deep discharge of the battery, causing permanent damage to the battery. 1. Long term low current discharge.

How does an uninterruptible power supply work?

The uninterruptible power supplies have e.g. an adjustable maximum buffer time to protect the battery and the unit protects the battery from going into a deep discharge. Draining the battery all the way down can damage it in a very short period of time, especially if this occurs multiple times.

What does deep discharge mean on a power ups battery?

Deep discharge generally refers to the discharge of approximately 80% of the rated capacity of a battery. After a period of use, there will inevitably be some active substances sinking in the power UPS power battery. If the active substances are not activated in a timely manner, it will inevitably have some impact on the capacity of the battery.

How long does a UPS battery last after discharge?

Recharging the UPS power battery as much as possible within 72 hours after discharge will fully restore the battery's capacity and lifespan. UPS power batteries do not allow the voltage of each unit to be lower than 1V after battery discharge, which is 6V for 12V batteries; UPS usually designs an alarm.

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