

## How to choose a power supply for a DC application?

---

Select the appropriate power supply, uninterruptible power supply, and battery module for your application. Furthermore, our UPS modules with integrated power supply or integrated battery module offer a space-saving UPS solution. Our uninterruptible power supplies for DC applications provide reliable protection against supply interruptions.

## 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 are Phoenix Contact uninterruptible power supplies?

Phoenix Contact uninterruptible power supplies for AC and DC applications provide reliable protection against supply interruptions.

## What is a DC-UPS with external batteries?

The DC-UPS with external VRLA batteries feature the PULS' 1-Battery-Concept: This means each battery is individually charged and monitored, which avoids the need for matched batteries and ensures longest battery life. What is a UPS module? UPS is the short version of "uninterruptible power supply".

## What is a continuous power supply (UPS)?

UPS is the short version of "uninterruptible power supply". In many applications a continuous power supply is important because power fluctuations and outages can cause damage to control equipment as well as unexpected down time. This situation can lead to a loss of productivity and revenue.

## What are UPS modules with capacitor storage?

UPS modules with capacitor storage are equipped with integrated electrochemical double layer capacitors. In case of a power fault they guarantee an uninterrupted power supply for several seconds. By using such UPS modules, processes can be completed and data saved, for instance.

