

# **EK Power Distribution Uninterruptible Power Supply**





## Overview

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What is a power distribution unit (PDU) & uninterruptible power supply (UPS)?

Power distribution units (PDUs) distribute power and protect IT loads running normally. Conversely, uninterruptible power supplies (UPSs) ensure there is enough power, at least for a short time, to run your equipment until you can find another available power supply (i.e., a backup generator).

What is an uninterruptible power supply (UPS)?

An uninterruptible power supply (UPS) provides emergency power to a load during a power outage. Unlike an external generator, a UPS kicks on automatically to provide instantaneous power, usually through the use of batteries or supercapacitors. There are three main types of UPS:.

Why are uninterruptable power supplies important?

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

What are emergency power distribution systems?

Ensure uninterrupted operations with emergency power distribution systems. These backup solutions, including standby generators and uninterruptible power supplies, safeguard against power outages in industrial and commercial settings.



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A power distribution unit (PDU) provides steady, uninterruptible power to multiple servers in a rack environment. The rackmount PDUs are designed to be installed in a vertical (0U) or horizontal ...



### Uninterruptible Power Supply UPS

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