

Does the core switch require 3C certification



AI Overview

Core switches generally require 3C (CCC) certification in China as they fall under information technology equipment and electrical connection devices. CCC Certification Overview The China Compulsory Certification (CCC or 3C) is a mandatory safety and quality certification for products imported, sold, or used in China. It ensures compliance with Chinese safety, electromagnetic compatibility (EMC), and environmental standards. Only products that have obtained CCC certification can legally enter the Chinese market, and unauthorized use of the CCC mark can result in fines or shipment rejection. Core Switch Classification Core switches are networking devices used in enterprise or data center environments. According to CCC regulations, the following categories are relevant: Information technology equipment: This includes servers, network switches, routers, and other IT devices. Circuit switches and electrical devices for protection or connection: Some core switches may also be considered under this category if they include integrated power distribution or protection features. Because core switches fall into these categories, they are subject to mandatory CCC certification before import or sale in China. Certification Process Pre-application: Confirm that the core switch model is within the CCC-required categories. Testing: The product undergoes testing in accredited Chinese laboratories for safety, EMC, and environmental compliance. Factory Audit: The manufacturer's production facility is inspected by Chinese auditors. Approval and Marking: Once approved, the CCC mark must be displayed on the product and packaging. Follow-up Audits: Annual audits are required to maintain certification validity. Practical Considerations Each model of core switch must be individually evaluated for CCC compliance, as specifications and intended use may affect certification requirement...

Article Content

How to Meet China's 3C Certification Requirements

Without 3C certification, your product cannot enter the Chinese market. This certification guarantees that your product meets China's safety and quality standards, building consumer trust

China Compulsory Certification (CCC Mark): The Complete Guide for

It's a mandatory product safety and quality mark required for a specific, government-defined list of products before they can be sold, imported, or used in mainland China. Unlike CE marking, which is

China Requires CCC Certification for New Product Types by 2027

The State Administration for Market Regulation (SAMR) in China has announced major adjustments to the Compulsory Product Certification (CCC) system. These changes aim to enhance

3C Certification in China: Requirements and Process

3C certification is mandatory in China and covers more than 150 categories, issued by designated entities such as CQC and CCAP. The process combines trials in

What certification is required for small power electric motors in China ...

Small power electric motors need to be 3C certified before they can be sold normally in the country. Motor 3c certification rules: The 3C certification of electric motors requires the 3C

New Power Bank Regulations in 2025: How to Choose

Power banks without 3C certification or with falsified specifications will be banned from both sales and air travel. This update not only strengthens

China Compulsory Certification (CCC): Complete Guide

China Compulsory Certification (CCC) is essential for accessing the Chinese market. It is not a procedural formality but a legal requirement for

Cisema's China Compulsory Certification Support Services

While many products require CCC certification, there are specific exceptions based on factors such as the product type and its intended use. For instance, products used for research and development, or

China CCC Product Catalogue Published | TÜV SÜD

On 5 September 2023, the Chinese State Administration for Market Regulation (SAMR) published Announcement No.36, 2023 to release the catalogue of compulsory products for CCC certification.

Products Subject to 3C Certification

In China, all products involving human health and safety, animal and plant health and safety, as well as environmental protection and public security, are subject to a unified mandatory

3C Certification for Batteries: 2025 New Rules & China Market Access

Complete guide to 3C (CCC) certification for batteries, power banks, and electric bicycle batteries—2025 new rules, application process, sampling requirements, and professional compliance

What is CCC

The 16 product types must possess a valid CCC certification and bear the CCC mark to be manufactured, sold, imported, or used in any business

3C certification_China_CDTTesting

Even if the product does not require China's compulsory certification, there may still be problems if customs officials require CCC certificates. Therefore, it is recommended to use a customs clearance

China Compulsory Certification — testxchange

China Compulsory Certification CCC is one of the essential certifications required for various goods before being placed on the Chinese market. CCC or 3C stands for

What Is China Compulsory Certification and Why Does

What is the 3C certification? The 3C certification, also known as China Compulsory Certification, is a mandatory certification system implemented by the Chinese

CCC Certification for Power Banks -

CCC (3C) certification is required for power banks on all China domestic flights since June 2025. What it means, how to check for it, and why it

What is 3C certification and is a surge protector required?

Starting from August 1, 2024, products that have not obtained the CCC certification and the certification mark will not be allowed to be factory, sold, imported, or used in other business activities. The surge

CCC Mark Certification

3C or "CCC", which stands for China Compulsory Certification, became effective on May 1, 2002. The 3C or "CCC" marking system requires manufacturers in over

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What is 3C Certification? A Complete Guide to CCC

What is 3C Certification? Learn why it matters, which products require it, and how the approval process works. Make safer, higher-quality shopping

List of China Compulsory Certification (CCC)

The items can, however, be exported, distributed and sold in China when incorporated into a cylinder or device (including being packed together).

An Introduction to the China Compulsory Certification

For products to be exempted from 3C certifications, Manufacturers or agents shall apply to the Certification and Accreditation Administration of the People's

How to Meet China's 3C Certification Requirements

How to Meet China's 3C Certification Requirements In today's globalized world, businesses wanting to enter international markets often

Does 3C Certificates Matter When Importing Circuit Breakers from

The 3C mark isn't just paperwork—it reflects safety standards and factory practices. Understanding what it means can help you make smarter choices when sourcing circuit breakers

What is CCC

What services does MPR China Certification provide for CCC Certification in China? For clients requiring CCC certification, MPR China Certification identifies the

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