



# Chilean server racks for office buildings





## Overview

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What is a lightning protection system?

The lightning protection system protects the building and people from direct lightning impulses and fires. If a lightning strike hits the external lightning protection system or earthed roof structures capable of carrying lightning current, the lightning energy can be safely discharged to earth potential. 17 Chapter 1 | General introduction.

What is an external lightning protection system?

95 Chapter 2 | The external lightning protection system Down-conductor system according to IEC 62305-3 2.2 Down-conductors Down-conductors are the part of the external lightning protection system designed to route the lightning current from the air-termination system to the earthing system.

Which parts of a building must be integrated into a lightning protection system?

2.1.5 Separation distance (s) All metallic parts of a building and electrically powered equipment and their supply cables must be integrated into the lightning protection system.

Can a lightning protection system be installed according to IEC/EN 62305-3?

To still be able to plan and install a lightning protection system according to IEC/EN 62305-3, the creation of equipotential layers should be taken into account early in the project planning.



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These protection systems are capable of dissipating a large amount of energy, and will eliminate any type of transient overvoltage (atmospheric discharges, maneuvers in electrical networks, ...

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Our comprehensive guide allows you to learn the basics of lightning protection for buildings, explore various types and their roles in safeguarding your buildings, and present ...



### [A Guide to BS EN 62305 Protection Against Lightning](#)

A Guide to BS EN 62305 Protection Against Lightning 3rd edition Guide to BS 62305 3rd edition Cover 08/01/2014 09:49 Page 2 Furse is the market leading lightning ...

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A lightning protection system represents far more than a simple lightning rod on a rooftop. It's a sophisticated, engineered network ...



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### [\(PDF\) Lightning Protection of Buildings: Its Types, Solutions ...](#)



The aim of the study is to explore the ways of lightning protection in buildings and to develop recommendations for its effective use.



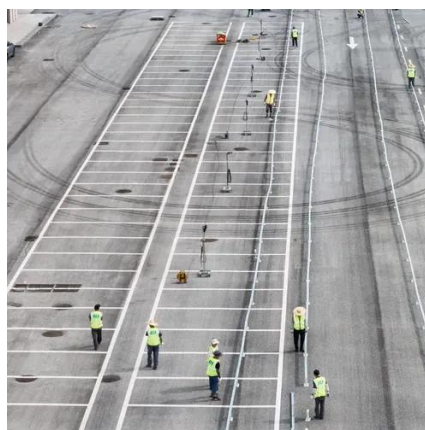
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## Types of Server Rack



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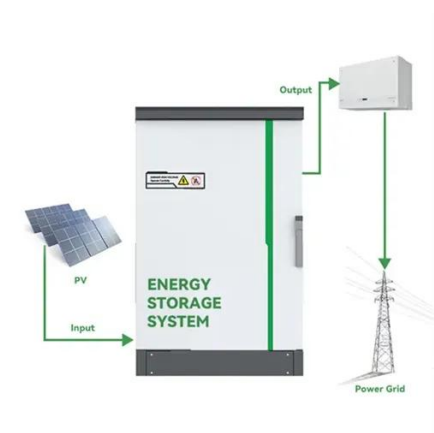
### [What are the different types of lightning protection systems?](#)

The meshed cage Derived from the Faraday cage, meshed cage protection is a protection method that consists of encircling a building with a mesh of conductive materials ...



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External lightning protection includes air-termination systems, surge protective devices, earthing and insulated lightning protection, which ensure that the separation distance is maintained.



Solar



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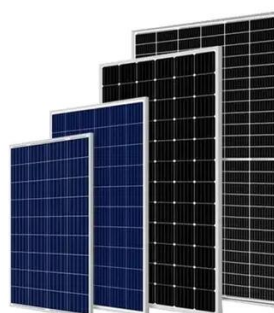
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