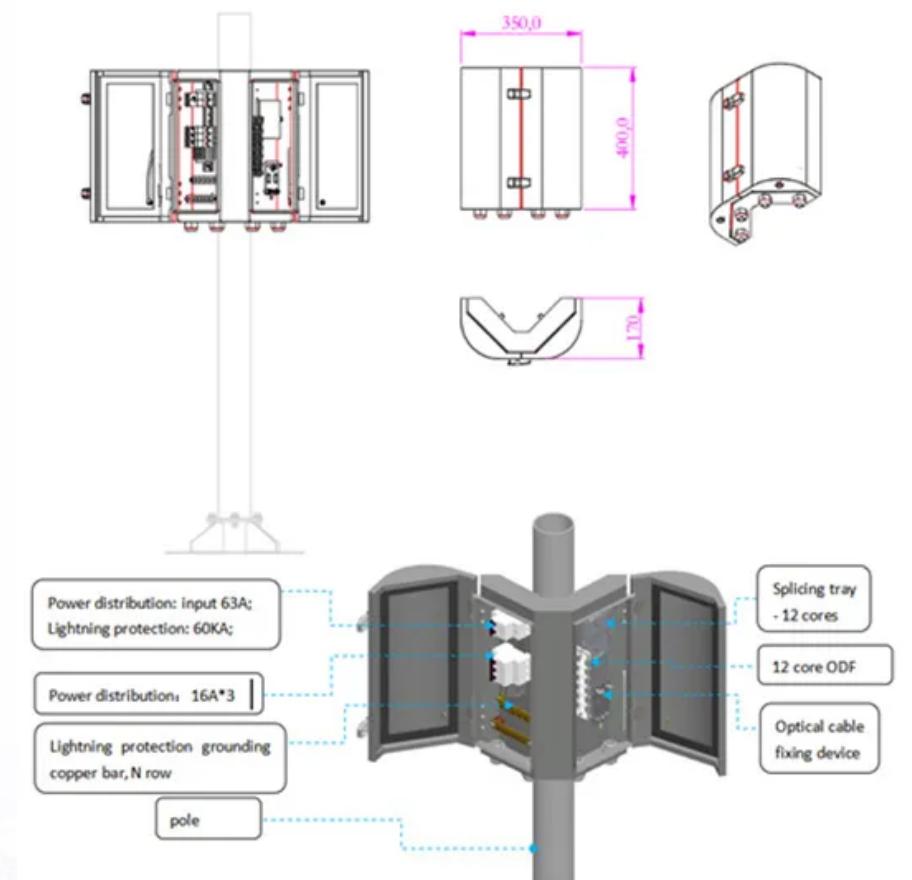


# Spanish outdoor power system design



## Overview

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Are there non-renewable power plants in Spain?

There are also non-renewable power plants within the electricity system (which use fossil fuels to produce energy). In Spain, electricity generation is regulated by the State, but it is liberalised, which means that any person or company can generate electricity, feed it into the grid and sell it.

How did the Spanish electricity system change in 1997?

The Spanish electricity system took a regulatory turn in 1997 with the Electricity Sector Law 54/1997, amended by Law 24/2013, which restructured and separated all the activities involved in this process. Energy generation, transmission, distribution and commercialisation became separate and independent activities. 1. Generation.

How is electricity regulated in Spain?

In Spain, electricity generation is regulated by the State, but it is liberalised, which means that any person or company can generate electricity, feed it into the grid and sell it. Spain has also been a benchmark in integrating renewables into the electricity system.

Is Spain integrating renewables into the electricity system?

Spain has also been a benchmark in integrating renewables into the electricity system. Specifically, in 2021, electricity generation in Spain emitted 35.96 million tonnes of CO<sub>2</sub>, compared to 36.13 million tonnes in 2020.

What does a metering distributor do in Spain?

They are also responsible for installation maintenance, ensuring that metering equipment is kept in good condition, and for quick responses to power cuts. There are currently 336 distributors in Spain, and this is a non-liberalised sector, which means that new ones cannot currently be created.

## Spanish outdoor power system design

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