



Which direction should photovoltaic panels be installed on a sloping roof



Overview

Usually, solar panels of a self-consumption system are located on the roof, although it is not the area closest to the storage system or energy meters. For security and architectural integration reasons, the roof of the buildings is usually determined as the location area for the solar panels. The roof space will determine the available surface in which the property defines to locate the PV panels. It will be necessary to ensure that this. To take maximum advantage of solar radiation, it is advisable to orient the solar panels towards the south if we are in the northern hemisphere and the north if we are in the southern. The separation between rows of PV panels must guarantee the non-superposition of shadows between the rows of panels during. The optimal tilt angle of photovoltaic solar panels is that the surface of the solar panel faces the Sun perpendicularly. However, the angle.



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