

# Spanish grid-connected inverter





## Overview

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What is the difference between Spanish Grid Code and new grid code?

There are significant differences between the previous Spanish grid code and the new one. The previous grid code only included the technical requirement for assessing power plants responses under voltage dips -or FRT capability, and only required the facility to remain connected to the network during the.

What is a new grid code in Spain?

Based on the European regulation EU 2016/631, in July 2020, a new grid code was released in Spain, formed by Ministerial Order (MO) TED/749/2020 and Royal Decree (RD) 647/2020 , as well as a guidelines document that has the objective of monitoring compliance with the technical requirements established.

What is the difference between Spanish and Portuguese grid codes?

This means that, in this case, the Spanish grid code is a bit more stringent, since this requisite is required to be complied with by PGMs from 5 MW, while the Portuguese grid codes demand this requisite to be complied with by PGMs of greater capacity, from 10 MW. Table III.

What is the difference between a PGM and a Spanish grid?

With respect to the response speed of the PGM to activate the provision of active power frequency response, the Portuguese grid does not make any specification, while the Spanish grid code defines a number of parameters with which to characterize the response, gathered in Section 1.3 of Annex I, in MO TED/749/2020 . Table II.



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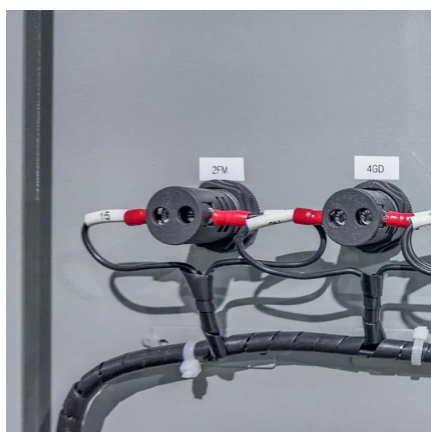
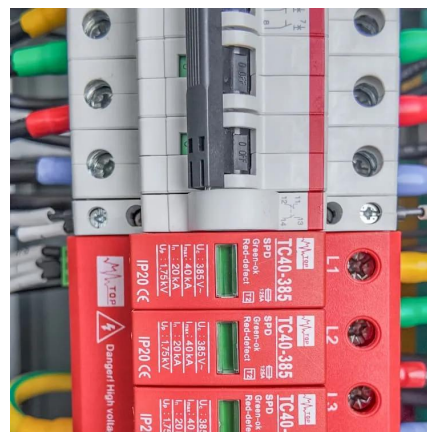


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