

Do solar panel inverters have a product family standard?

Solar panel inverters do not have own product family standard. For the purposes of the campaign it is agreed to assess compliance to the EMC essential requirements by measuring against the harmonised standards according to the DoC issued by the manufacturer.

Do solar panel inverters comply with EMCD requirements?

These results show that compliance of solar panel inverters in EU market with appropriate requirements of EMCD in the aspects of essential requirements and also administrative (formal) requirements seems does not improved after 5 years. The number of assessed products is low. Overall Compliance of apparatus in this Campaign 8% is very low.

Are solar panel inverters mainly of EU / China / Taiwan origin?

Conclusion: solar panel inverters were mainly of EU (58 %) and China /Taiwan (35 %) origin. Due to the small number of assessed products, no statistically valid conclusions can be extracted on this group. 2. Administrative compliance

What is a photovoltaic system?

A photovoltaic system is an assembly of components that produce and supply electricity based on photovoltaic conversion of solar energy. It comprises the following sub-systems: module array, switches, controls, meters, power conversion equipment, PV array support structure, and electricity storage components.

Are solar panel inverters EUT compliant?

The results of the technical assessment of solar panel inverters showed that approximately a third of 54 EUT tested were compliant (33% overall compliance). 37 EUT were assessed technically; 14 of them (38%) were found compliant to EN 55011 Table 8 limits at mains terminals in the frequency range 9 kHz-150 kHz.

Who should be targeted in the solar photovoltaic modules industry?

Publicity should target all economic operators in the area of solar photovoltaic modules industry. MSA should take the results of this campaign into consideration when making their plans as stated in the Regulation (EU) 2019/1020 of the European Parliament and of the Council of 20 June 2019 on market surveillance and compliance of products.



# European Standards for Photovoltaic Inverters

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