



Fronius Safety Certification

Introduction:

Fronius believes in high quality, safe and reliable inverters. Our inverters are tested to all of the required standards requisite to sell around the world. In the North American continent the standard UL 1741 and the IEEE 1547 are required to sell inverters into the market. These standards can be tested and certified from various Nationally Recognized Testing Labs (NRTL). Some of the most popular ones are (CSA) Canadian Standards Association and (UL) Underwriters Laboratory. For a complete list of Nationally Recognized Testing Laboratories, please use this link to the (OSHA) Occupational Safety and Health Administration website <http://www.osha.gov/dts/otpca/nrtl/>.

With many new (NRTL) being accepted by (OSHA) it is important to check with the website to make sure if a testing facility has the authority to approve a product for the market. Fronius has changed our (NRTL) and this may cause some confusion for customers. At the time of this document Fronius has chosen to use the CSA. The CSA has been a (NRTL) since 1992 and was originally established in 1919 as a Canadian only certification house. With a legacy of inverters in the North American market you may have an inverter tested by the UL or the CSA.

Testing Markers on all Fronius products:

This is a list of all the markers that appear on the bottoms of our inverters and what they mean.



This is a UL approval rating to be sold in the Canadian and American Markets



This is a CSA approval rating to be sold in the Canadian and American Markets.



This is a CSA approval rating to be sold in the American Market exclusively

Conclusion:

As regulations change and get updated, Fronius will always evaluate and determine which NRTL is best for certifying our inverters as safe to operate in the markets we enter. We will always use a NRTL with a good reputation and a commitment to excellence as can be expected from any product that bears the Fronius Logo.

If you require additional information please contact our technical support department at (810) 220 – 4414