Barcode of photovoltaic panel

What is UL Standard 1703 for photovoltaic modules & panels?
An addendum to UL Standard 1703 "Flat Plate Photovoltaic Modules and Panels" recommends metal combinations not exceed an electrochemical potential difference of 0.6 Volts. The frame rails have pre-drilled holes marked with a grounding sign. These holes should be used for grounding purposes and must not be used for mounting the modules.

Which materials should be used to install photovoltaic modules?
JA Solar recommends that when installing modules at the seaside,stainless steel or aluminummaterials should be used to contact the photovoltaic modules,and the installation parts should be well protected from corrosion. The tilt angle of the modules is measured between the surface of the modules and a horizontal ground surface.

What is an RFID chip in a solar module?
Numbering individual people,things and livestockis a means to improve its organization and management,and this is the idea behind an RFID chip in a solar module. In most countries every individual has a national identity number,or a health service number,which is nothing else than a tag.

Can RFID tags be used in solar modules?
Using RFID tags in solar modules is a relatively new developmentand method to keep track on the origin and technical performance of individual modules,facilitate replacements and in this regard also insurance and warranty handling.

What are the standard test conditions for photovoltaic modules?
Standard Test Conditions: 1000W/m2 Irradiance,25°C Cell Temperature and 1.5 Air Mass. Under normal conditions,the photovoltaic modules may experience conditions that produce more current and/or voltage than reported at Standard Test Conditions.

Are photovoltaic modules dangerous?
Photovoltaic modules can produce DC electricity when exposed to light and therefore can produce an electrical shock or burn. DC voltage of 30 Volts or higher is potentially lethal. Modules produce voltage even when are not connected to an electrical circuit or load. Please use insulated tools and rubber gloves when working with modules in sunlight.

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