

STANDARD INFORMATION

Standard Number: UL 1703
Standard Name: Flat-Panel Photovoltaic Modules and Panels
Standard Edition and Issue Date: 3rd Edition Dated March 13, 2002
Date of Revision: September 13, 2017
Date of Previous Revision of Standard: March 10, 2017

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **October 22, 2018**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revise requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.

Overview of Changes: Revision to require a marking to differentiate model groups with different power ratings. Specific details of new/revise requirements are found in table below.

If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).

Client Action Required:

Information – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revise paragraphs noted in the attached or explain why these new/revise requirements do not apply to your product (s).

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
	Info	MARKING
47	Info	Details

A module or panel shall have a plain, legible, permanent marking that includes:

- a) The manufacturer’s name, trademark, or other descriptive marking by which the organization responsible for the product can be identified;
- b) The model number or the equivalent – a unique model number / identifier shall be required for each module that has a different power rating (due to various factors such as but not limited to: cell technology, substrate color, number of interconnects per cell);
- c) The electrical ratings – see 46.1;
- d) d) The date or other dating period of manufacture not exceeding any three consecutive months; and
- e) e) If the module is equipped with PV wiring connectors that comply with the Standard for Connectors for Use in Photovoltaic Systems, UL 6703, the specific allowable mating connector manufacturer(s) and model number(s).

Exception No. 1: The manufacturer’s identification may be in a traceable code if the product is identified by the brand or trademark owned by a private labeler.

Exception No. 2: The date of manufacture may be abbreviated; or may be in a nationally accepted conventional code or in a code affirmed by the manufacturer, provided that the code:

- a) *Does not repeat in less than 10 years; and*
- b) *Does not require reference to the production records of the manufacturer to determine when the product was manufactured.*

Exception No. 3: With regards to part (e), if it is deemed impractical to include this information directly on the module product itself, the statement "See module literature for appropriate mating connectors" or equivalent may be used.

CUSTOMERS PLEASE NOTE: This Table and column “Verdict” can be used in determining how your current or future production is or will be in compliance with new/revised requirements.