



## QIGU2.GuideInfo Photovoltaic Modules - Component

[View Listings](#)[Page Bottom](#)

### [Distributed Generation Power Systems Equipment - Component] Photovoltaic Modules - Component

[See General Information for Distributed Generation Power Systems Equipment - Component](#)

The devices covered under this category are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. THE FINAL ACCEPTANCE OF THE COMPONENT IS DEPENDENT UPON ITS INSTALLATION AND USE IN COMPLETE EQUIPMENT SUBMITTED TO UL.

#### GENERAL

This category covers photovoltaic modules.

These modules may be investigated for external fire exposure for building-roof-covering materials. The fire class is identified in the individual Recognitions as Class A, B or C in accordance with Roof-covering Materials ([TEVT](#)) and Roofing Systems ([IGFU](#)).

Modules not investigated for fire exposure are identified as "NR" (Not Rated).

#### CONDITIONS OF ACCEPTABILITY

Unless specified otherwise in the individual Recognitions, consideration is to be given to the following Conditions of Acceptability when these components are employed in end-use products. Absence of ratings and Conditions of Acceptability codes from an individual Recognition indicates this information is contained in the Recognition Report for the product.


**Engineering Service (ES) Codes** — The following defines codes where shown in the individual Recognitions. Unique Conditions of Acceptability are indicated in the individual Recognitions.

1. The output connections of these devices have not been investigated as field connections and are only intended for connection to internal wiring inside the product.
2. The equipment shall have the mounting means investigated in the end-use product. Mechanical loading test in accordance with [ANSI/UL 1703](#) shall be conducted.
3. Field wiring means shall be provided in the end-use product.
4. The end-use product shall be marked with fire-class ratings and appropriate end-product ratings including terminal polarity, maximum overcurrent device and minimum bypass diode ratings.

#### REQUIREMENTS

The basic standard used to investigate products in this category is [ANSI/UL 1703](#), "Flat-Plate Photovoltaic Modules and Panels."

#### UL MARKING

Components Recognized under UL's Component Recognition Program are identified by markings consisting of the Recognized company's identification and catalog, model or other product designation on the device or carton. In addition, components produced under the UL Component Recognition Program will also bear the Recognized Component Mark .

The Listing or Classification Mark of UL is not authorized for use on, or in connection with, Recognized Components. Only those components that actually bear the "Marking" should be considered as being covered under the Component Recognition Program.

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[Page Top](#)

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