



Certificate of Compliance

Certificate: 80222985

Master Contract: 305099

Project: 80222985

Date Issued: September 2, 2024

Issued To: OMEGA SOLAR SDN BHD
NO. 2522, LRG PERUSAHAAN 4,
KAW PERUSAHAAN PERAI,
PERAI, Penang 13600
Malaysia

Attention: HUAI MAN OOI

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator 'US' or with adjacent indicator 'US' for US only



Issued by: Tom Yang
Tom Yang

PRODUCTS

Class 4411 83 OUTLET BOXES AND FITTINGS - Junction Boxes for Photovoltaic Modules

JUNCTION BOXES FOR USE IN PHOTOVOLTAIC MODULES AND PANELS

Model series OMEGA4xyabcd.

Where x can be R1 or R2, y can be 1, 3, 4, a can be 1, b can be 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 or 15, c can be 1, 2, 3, 4, 5 or 6, d can be 1.

Electrical ratings:

Model No.	Maximum System Voltage (V dc)	Maximum Current (A dc)
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OMEGA4R11abcd series	1000	20
OMEGA4R13abcd series	1000	25
OMEGA4R14abcd series	1000	30
OMEGA4R21abcd series	1500	20
OMEGA4R23abcd series	1500	25
OMEGA4R24abcd series	1500	30

APPLICABLE REQUIREMENTS

UL 3730 STANDARD FOR SAFETY Photovoltaic Junction Boxes, First Edition, Dated November 11, 2014, revision date July 10, 2024

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

1. Markings are molded directly into the Junction Box lid.

2. The following information is provided on the Junction Box lid:

- A. Recognized Component Mark.
- B. Manufacturer's name, trademark, trade name or Master Contract Number 305099.
- C. Basic Model designation: OMEGA4xy.
- D. Electrical ratings(optional), including:
 - 1) Maximum system voltage.
 - 2) Maximum rated current.

Exception: Electrical ratings may alternatively be marked on the smallest unit container.

3. Output connections are marked with "+" and "-". These markings are molded into the wiring box.



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4. The full Model designation shall be marked on the smallest unit container.
5. The caution marking “Do not disconnect under load” is provided on cable tag or molded on PV connector.

A permanent marking shall be molded, die-stamped, paint-stenciled, stamped, or etched metal that is permanently secured, or indelibly stamped on a pressure-sensitive label secured by adhesive that complies with UL 969, the Standard for Marking and Labeling Systems. Ordinary usage, handling, storage, and the like of the unit shall be considered in determining whether a marking is permanent.



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80222985	2024-09-02	Original US certification for Photovoltaic Junction box OMEGA4xy, by accepting UL certification files.