

CERTIFICATE OF CONFORMITY

Certificate No.: LC16175-1

Date Issued: December 12, 2024

Project No.: LV-16175

Certification System: Type 3
(ISO / IEC 17067)

Client No.: LC1235136



Applicant: Onyx Solar Energy S.L.
C/Rio Cea 1
46-05004
Avila, Spain

Issued by: _____

A handwritten signature in blue ink, appearing to read 'Kavinder Dhillon', is written over a horizontal line.

Kavinder Dhillon, P.L. Eng.
Certification Manager

Products:

- Monofacial Photovoltaic Modules
- Model Nos.:
 - ONYX G/GM07244
 - ONYX G/GM07244C
 - ONYX G/GM07211
 - ONYX G/GM06044C
- Ratings:
 - ONYX G/GM07244:
 - Open Circuit Voltage (Voc): 48.35 V
 - Short Circuit Current (Isc): 9.33 A
 - Maximum Series Overcurrent Protection: 17 A
 - Voltage at Maximum Power (Vmp): 39.49 V
 - Current at Maximum Power (Imp): 8.99 A
 - Maximum Power (Pw): 355 W
 - Maximum System Voltage: 1000 VDC
 - Operating Temperature Range: -40°C to 85°C
 - IEC Roof Covering Material Fire Class Rating: Class A
 - UL Fire Rating Type: Type 34
 - ONYX G/GM07244C:
 - Open Circuit Voltage (Voc): 48.25 V
 - Short Circuit Current (Isc): 7.35 A
 - Maximum Series Overcurrent Protection: 17 A
 - Voltage at Maximum Power (Vmp): 39.71 V
 - Current at Maximum Power (Imp): 7.14 A
 - Maximum Power (Pw): 284 W
 - Maximum System Voltage: 1000 VDC
 - Operating Temperature Range: -40°C to 85°C
 - IEC Roof Covering Material Fire Class Rating: Class A
 - UL Fire Rating Type: Type 34

The 'C' and 'US' indicators adjacent to the LabTest Certification Mark shall signify that the product has been evaluated by an accredited laboratory to the applicable Canadian and US Standards. The subject area shall be displayed with the LabTest Certification Mark to identify the Standard Number, and Revision Level.

- ONYX G/GM07211
 - Open Circuit Voltage (Voc): 48.42 V
 - Short Circuit Current (Isc): 8.77 A
 - Maximum Series Overcurrent Protection: 17 A
 - Voltage at Maximum Power (Vmp): 39.56 V
 - Current at Maximum Power (Imp): 8.42 A
 - Maximum Power (Pw): 333 W
 - Maximum System Voltage: 1000 VDC
 - Operating Temperature Range: -40°C to 85°C
 - IEC Roof Covering Material Fire Class Rating: Class A
 - UL Fire Rating Type: Type 34
- ONYX G/GM06044C
 - Open Circuit Voltage (Voc): 41.14 V
 - Short Circuit Current (Isc): 7.74 A
 - Maximum Series Overcurrent Protection: 17 A
 - Voltage at Maximum Power (Vmp): 33.9 V
 - Current at Maximum Power (Imp): 7.38 A
 - Maximum Power (Pw): 245 W
 - Maximum System Voltage: 1000 VDC
 - Operating Temperature Range: -40°C to 85°C
 - IEC Roof Covering Material Fire Class Rating: Class A
 - UL Fire Rating Type: Type 34

Note: Electrical ratings measured in standard test conditions (STC) of 1000 W/m², AM 1.5 spectrum, and 25°C.

Applicable requirements:

- | | |
|----------------------------------|----------------------------------|
| ➤ CAN/CSA-C22.2 NO. 61730-1:2019 | ➤ CAN/CSA-C22.2 NO. 61215-1:2018 |
| ➤ CAN/CSA-C22.2 NO. 61730-2:2019 | ➤ CAN/CSA-C22.2 NO. 61215-2:2018 |
| ➤ UL 61730-1:2022 | ➤ UL 61215-1:2021 |
| ➤ UL 61730-2:2022 | ➤ UL 61215-2:2021 |

Conditions of acceptability:

- Maximum system voltage of 1000Vdc
- Maximum overcurrent protection rating of 17A

General Note:

- Refer to LC Listing Report No. 10.02.16175-2_Rev.0