



Certificate of Compliance

Certificate: 80195814

Master Contract: 606240

Project: 80195814

Date Issued: 2024-01-08

Issued to: Maple Leaf Power Systems Inc
102 commerce park drive unit 11 Barrie,
Ontario L4N 8W8
Canada

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by: Qiang (Sean) Jiang
Qiang (Sean) Jiang

PRODUCTS

CLASS - C531110 - POWER SUPPLIES-Photovoltaic Modules and Panels

CLASS - C531190 - POWER SUPPLIES-Photovoltaic Modules and Panels - Certified to US Standards

Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-66H (xxx=630-700, in steps of 5), Fuse rating 30A, NOCT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-60H (xxx=570-630, in steps of 5), Fuse rating 30A, NOCT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-55H (xxx=525-575, in steps of 5), Fuse rating 30A, NOCT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-66HB (xxx=620-695, in steps of 5), Fuse rating 30A, NOCT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-60HB (xxx=560-615, in steps of 5), Fuse rating 30A, NOCT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-55HB (xxx=520-565, in steps of 5), Fuse rating 30A, NOCT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-78H (xxx=570-625, in steps of 5), Fuse rating 25A, NOCT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-72H (xxx=520-575, in steps of 5), Fuse rating 25A, NOCT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxM-66H (xxx=480-525, in steps of 5), Fuse rating 25A, NOCT: 45+/-2°C.



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Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-60H (xxx=440-480, in steps of 5), Fuse rating 25A, NOCT: 45+/-2°C.
Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-54H (xxx=395-430, in steps of 5), Fuse rating 25A, NOCT: 45+/-2°C.
Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-78HB (xxx=565-620, in steps of 5), Fuse rating 25A, NOCT: 45+/-2°C.
Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-72HB (xxx=520-570, in steps of 5), Fuse rating 25A, NOCT: 45+/-2°C.
Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-66HB (xxx=475-525, in steps of 5), Fuse rating 25A, NOCT: 45+/-2°C.
Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-60HB (xxx=435-475, in steps of 5), Fuse rating 25A, NOCT: 45+/-2°C.
Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-54HB (xxx=390-425, in steps of 5), Fuse rating 25A, NOCT: 45+/-2°C.
Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-72H (xxx=440-475, in steps of 5), Fuse rating 20A, NOCT: 45+/-2°C.
Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-60H (xxx=350-395, in steps of 5), Fuse rating 20A, NOCT: 45+/-2°C.
Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-72HB (xxx=435-470, in steps of 5), Fuse rating 20A, NOCT: 45+/-2°C.
Photovoltaic modules with Fire Performance (USA) Type 4, maximum system voltage of 1500 Vdc, model series: MLxxxB-60HB (xxx=350-390, in steps of 5), Fuse rating 20A, NOCT: 45+/-2°C.

Notes:

1. The electrical characteristics are within ± 5 percent of the rated values of I_{sc} , V_{oc} , and P_{max} under standard test conditions (irradiance of 1000 W/m², AM 1.5 spectrum, and a cell temperature of 25°C (77°F)).
2. The operating ambient temperature of these devices may exceed 40 °C at full load for all wire sizes if it is determined suitable in the field use application.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 61730-1:19 Photovoltaic (PV) module safety qualification — Part 1: Requirements for construction, 2019-12.

CSA C22.2 No. 61730-2:19 Photovoltaic (PV) module safety qualification — Part 2: Requirements for testing, 2019-12.

UL 61730-1 1st: Photovoltaic (PV) Module Safety Qualification – Part 1: Requirements for Construction, 2017-12-04, revision date 2020-04-30.

UL 61730-2 1st: Photovoltaic (PV) Module Safety Qualification – Part 2: Requirements for Testing, 2017-12-04, revision date 2020-04-30.



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Notes:

Products certified under Class C531110 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca



MARKINGS

Each unit shall bear all the required markings identified in the applicable certification report(s).