



Certificate of Compliance

Certificate: 80175865

Master Contract: 605621

Project: 80175865

Date Issued: 2023-07-25

Issued to: G-STAR PTE. LTD.
6 RAFFLES QUAY #14-06, 048580
Singapore

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 1, maximum system voltage of 1500 V dc, model series: GSP6G72M-XXX(XXX=390-465, in steps of 5), Fuse rating 20A, NMOT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: GSP6G66M-XXX(XXX=380-420, in steps of 5), Fuse rating 20A, NMOT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: GSP6G60M-XXX(XXX=340-390, in steps of 5), Fuse rating 20A, NMOT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 29, maximum system voltage of 1500 V dc, model series: GSD6G72M-XXX(XXX=390-465, in steps of 5), Fuse rating 20A, NMOT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 29, maximum system voltage of 1500 V dc, model series: GSD6G60M-XXX(XXX=340-390, in steps of 5), Fuse rating 20A, NMOT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: GSP7G54M-XXX(XXX=390-420, in steps of 5), Fuse rating 25A, NMOT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: GSP7G60M-XXX(XXX=435-465, in steps of 5), Fuse rating 25A, NMOT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: GSP7G66M-XXX(XXX=475-515, in steps of 5), Fuse rating 25A, NMOT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: GSP7G72M-XXX(XXX=520-560, in steps of 5), Fuse rating 25A, NMOT: 45+/-2°C.

Photovoltaic modules with Fire Performance (USA) Type 1, maximum system voltage of 1500 V dc, model series: GSP7G78M-XXX(XXX=560-605, in steps of 5), Fuse rating 25A, NMOT: 45+/-2°C.



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Notes:

1. The electrical characteristics are within ± 5 , ± 5 , ± 3 percent of the rated values of I_{sc} (± 5), V_{oc} (± 5), and P_{max} (± 3) 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.

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).



Supplement to Certificate of Compliance

Certificate: 80175865

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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
80175865	July 25, 2023	Mutiple listing for G-STAR PTE.LTD. Base Manufacturer: Shanghai Aerospace Automobile Electromechanical Co., Ltd. (Master Contract: 252024)

Original Report	Base Model No.	Listee Model No.
80033900	HT72-166M-xxx (xxx=390-465, in steps of 5)	GSP6G72M-XXX(XXX=390-465, in steps of 5)
	HT66-166M-xxx (xxx=380-420, in steps of 5)	GSP6G66M-XXX(XXX=380-420, in steps of 5)
	HT60-166M-xxx (xxx=340-390, in steps of 5)	GSP6G60M-XXX(XXX=340-390, in steps of 5)
	HT72-166M(PD)-F-xxx (xxx=390-465, in steps of 5)	GSD6G72M-XXX(XXX=390-465, in steps of 5)
	HT60-166M(PD)-F-xxx (xxx=340-390, in steps of 5)	GSD6G60M-XXX(XXX=340-390, in steps of 5)
	HT54-18X-xxx (xxx=390-420, in steps of 5)	GSP7G54M-XXX(XXX=390-420, in steps of 5)
	HT60-18X-xxx (xxx=435-465, in steps of 5)	GSP7G60M-XXX(XXX=435-465, in steps of 5)
	HT66-18X-xxx (xxx=475-515, in steps of 5)	GSP7G66M-XXX(XXX=475-515, in steps of 5)
	HT72-18X-xxx (xxx=520-560, in steps of 5)	GSP7G72M-XXX(XXX=520-560, in steps of 5)
	HT78-18X-xxx (xxx=560-605, in steps of 5)	GSP7G78M-XXX(XXX=560-605, in steps of 5)