



SOLARIF

RISK MANAGEMENT

1. Appendix I - Certified Modules

Certificate holder: **Hengdian Group DMEGC Magnetics Co., Ltd**
Certificate number: **SOLARIF20230802**
Certified factory: **North of Wulijiang Road and West of Renmin Road, Sihong County Economic Development Zone, Suqian City, Jiangsu Province, P. R. China¹**

Valid from: **02 August 2023**
Expires on: **03 August 2024**

Single Glass modules (Mono)	
Model	Power range
DMxxx-M156-72-V	xxx=335-375, in steps of 5
DMxxx-M156-60-V	xxx=280-310, in steps of 5
DMHxxxM6-144SW-V	xxx=340-385, in steps of 5
DMHxxxM6-120SW-V	xxx=280-320, in steps of 5
DMxxx-M156-72P-V	xxx=335-375, in steps of 5
DMxxx-M156-60P-V	xxx=280-310, in steps of 5
DMxxx-M156-36P-V	xxx=175-190, in steps of 5
DMxxx-M159-72-V	xxx=385-395, in steps of 5
DMxxx-M159-60-V	xxx=315-330, in steps of 5
DMHxxxM6A-144SW-V	xxx=380-405, in steps of 5
DMHxxxM6A-120SW-V	xxx=320-350, in steps of 5
DMxxxM6-72HSW-V	xxx=415-465, in steps of 5
GHxxxM6-72HSW-V	xxx=415-465, in steps of 5
DMxxxM6-60HSW-V	xxx=345-385, in steps of 5
GHxxxM6-60HSW-V	xxx=345-385, in steps of 5
DMxxxM6-72HBW-V	xxx=415-465, in steps of 5
DMxxxM6-72HBB-V	xxx=415-465, in steps of 5
GHxxxM6-72HBW-V	xxx=415-465, in steps of 5
DMxxxM6-60HBW-V	xxx=345-385, in steps of 5
DMxxxM6-60HBB-V	xxx=345-385, in steps of 5
GHxxxM6-60HBW-V	xxx=345-385, in steps of 5
DMHxxxM6A-144BW-V	xxx=380-405, in steps of 5
DMHxxxM6A-120BW-V	xxx=320-350, in steps of 5
DMxxxG1-60SW-V	xxx=315-330, in steps of 5
DMxxxG1-60BW-V	xxx=315-330, in steps of 5
DMxxxG1-60HSW-V	xxx=320-350, in steps of 5
DMxxxG1-60HBW-V	xxx=320-350, in steps of 5
DMxxxG1-60HBB-V	xxx=320-350, in steps of 5

¹ Only the modules produced in this factory are certified

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

DMxxxG1-72SW-V	xxx=385-395, in steps of 5
DMxxxG1-72BW-V	xxx=385-395, in steps of 5
DMxxxG1-72HSW-V	xxx=380-420, in steps of 5
DMxxxG1-72HBW-V	xxx=380-420, in steps of 5
DMxxxG1-72HBB-V	xxx=380-420, in steps of 5
DMxxxM2-60SW-V	xxx=280-310, in steps of 5
DMxxxM2-60BW-V	xxx=280-310, in steps of 5
DMxxxM2-60HSW-V	xxx=280-320, in steps of 5
DMxxxM2-60HBW-V	xxx=280-320, in steps of 5
DMxxxM2-72SW-V	xxx=335-375, in steps of 5
DMxxxM2-72BW-V	xxx=335-375, in steps of 5
DMxxxM2-72HSW-V	xxx=340-385, in steps of 5
DMxxxM2-72HBW-V	xxx=340-385, in steps of 5
DMxxxM10-72HSW-V	xxx=535-555, in steps of 5
DMxxxM10S-72HSW-V	xxx=535-555, in steps of 5
GHxxxM10-72HSW-V	xxx=535-555, in steps of 5

DMxxxM10-72HBW-V	xxx=535-555, in steps of 5
DMxxxM10S-72HBW-V	xxx=535-555, in steps of 5
DMxxxM10-72HBB-V	xxx=535-555, in steps of 5
DMxxxM10S-72HBB-V	xxx=535-555, in steps of 5
GHxxxM10-72HBW-V	xxx=535-555, in steps of 5
DMxxxM10-60HSW-V	xxx=445-460, in steps of 5
DMxxxM10S-60HSW-V	xxx=445-460, in steps of 5
GHxxxM10-60HSW-V	xxx=445-460, in steps of 5
DMxxxM10-60HBW-V	xxx=445-460, in steps of 5
DMxxxM10S-60HBW-V	xxx=445-460, in steps of 5
DMxxxM10-60HBB-V	xxx=445-460, in steps of 5
DMxxxM10S-60HBB-V	xxx=445-460, in steps of 5
GHxxxM10-60HBW-V	xxx=445-460, in steps of 5
DMxxxM10-54HSW-V	xxx=380-415, in steps of 5
DMxxxM10S-54HSW-V	xxx=380-415, in steps of 5
DMxxxM10-54HBW-V	xxx=380-415, in steps of 5
DMxxxM10S-54HBW-V	xxx=380-415, in steps of 5
DMxxxM10-54HBB-V	xxx=380-415, in steps of 5
DMxxxM10S-54HBB-V	xxx=380-415, in steps of 5
GHxxxM10-54HBW-V	xxx=380-415, in steps of 5
GHxxxM10-54HSW-V	xxx=380-415, in steps of 5
DMxxxM2-18XB-V	xxx=84-90, in steps of 1
DMxxxM2-6XB-V	xxx=28-30, in steps of 1
DMxxxG12-66HSW-V	xxx=650-660, in steps of 5
DMxxxG12-66HBW-V	xxx=650-660, in steps of 5
DMxxxG12-66HBB-V	xxx=650-660, in steps of 5



SOLARIF

RISK MANAGEMENT

DMxxxG12-60HSW-V	xxx=590-600, in steps of 5
DMxxxG12-60HBW-V	xxx=590-600, in steps of 5
DMxxxG12-60HBB-V	xxx=590-600, in steps of 5
DMxxxM6S-72HSW-V	xxx=415-465, in steps of 5
DMxxxM6S-72HBW-V	xxx=415-465, in steps of 5
DMxxxM6S-72HBB-V	xxx=415-465, in steps of 5
DMxxxM6S-60HSW-V	xxx=345-380, in steps of 5
DMxxxM6S-60HBW-V	xxx=345-380, in steps of 5
DMxxxM6S-60HBB-V	xxx=345-380, in steps of 5
DMxxxM6-54HSW-V	xxx=315-340, in steps of 5
DMxxxM6-54HBW-V	xxx=315-340, in steps of 5
DMxxxM6-54HBB-V	xxx=315-340, in steps of 5
DMxxxM10-66HSW-V	xxx=480-505, in steps of 5
DMxxxM10-66HBW-V	xxx=480-505, in steps of 5
DMxxxM10-66HBB-V	xxx=480-505, in steps of 5
DMxxxM10S-66HSW-V	xxx=480-505, in steps of 5
DMxxxM10S-66HBW-V	xxx=480-505, in steps of 5
DMxxxM10S-66HBB-V	xxx=480-505, in steps of 5
DMxxxM10-78HSW-V	xxx=570-600, in step of 5
DMxxxM10-78HBW-V	xxx=570-600, in step of 5
DMxxxM10-78HBB-V	xxx=570-600, in step of 5
GHxxxM10-72HSW-C-V	xxx=535-555, in steps of 5
GHxxxM10-72HBW-C-V	xxx=535-555, in steps of 5
GHxxxM10-72HBB-C-V	xxx=535-555, in steps of 5
GHxxxM10-60HSW-C-V	xxx=445-460, in steps of 5
GHxxxM10-60HBW-C-V	xxx=445-460, in steps of 5
GHxxxM10-60HBB-C-V	xxx=445-460, in steps of 5
GHxxxM6-72HSW-C-V	xxx=415-465, in steps of 5
GHxxxM6-72HBW-C-V	xxx=415-465, in steps of 5
GHxxxM6-72HBB-C-V	xxx=415-465, in steps of 5
GHxxxM6-60HSW-C-V	xxx=345-380, in steps of 5
GHxxxM6-60HBW-C-V	xxx=345-380, in steps of 5
GHxxxM6-60HBB-C-V	xxx=345-380, in steps of 5
GHxxxG1-72HSW-C-V	xxx=385-420, in steps of 5
GHxxxG1-72HBW-C-V	xxx=385-420, in steps of 5
GHxxxG1-72HBB-C-V	xxx=385-420, in steps of 5
GHxxxG1-60HSW-C-V	xxx=320-350, in steps of 5
GHxxxG1-60HBW-C-V	xxx=320-350, in steps of 5
GHxxxG1-60HBB-C-V	xxx=320-350, in steps of 5
GHxxxG1-72SW-C-V	xxx=385-420, in steps of 5
GHxxxG1-72BW-C-V	xxx=385-420, in steps of 5
GHxxxG1-72BB-C-V	xxx=385-420, in steps of 5
GHxxxG1-60SW-C-V	xxx=315-330, in steps of 5
GHxxxG1-60ST-C-V	xxx=315-330, in steps of 5
GHxxxG1-60BW-C-V	xxx=315-330, in steps of 5



SOLARIF

RISK MANAGEMENT

Double Glass modules (Mono)	
Model	Power range
DMGxxxM6A-72ST	xxx=380-390, in steps of 5
DMxxxG1-G72ST	xxx=380-390, in steps of 5
DMxxxG1-G72SW	xxx=380-390, in steps of 5
DMGxxxM6A-72BT	xxx=380-390, in steps of 5
DMxxxG1-G72BT	xxx=380-390, in steps of 5
DMxxxG1-G72BB	xxx=380-390, in steps of 5
DMGxxxM6A-60ST	xxx=315-325, in steps of 5
DMxxxG1-G60ST	xxx=315-325, in steps of 5
DMxxxG1-G60SW	xxx=315-325, in steps of 5
DMxxxG1-G60SW	xxx=315-325, in steps of 5
DMGxxxM6A-60BT	xxx=315-325, in steps of 5
DMxxxG1-G60BT	xxx=315-325, in steps of 5
DMxxxG1-G60BB	xxx=315-325, in steps of 5
DMGxxxM6A-144HST	xxx=385-390, in steps of 5
DMxxxG1-G72HST	xxx=385-390, in steps of 5
DMxxxG1-G72HSW	xxx=385-390, in steps of 5
DMGxxxM6A-144HBT	xxx=385-390, in steps of 5
DMxxxG1-G72HBT	xxx=385-390, in steps of 5
DMxxxG1-G72HBB	xxx=385-390, in steps of 5
DMGxxxM6A-120HST	xxx=320-325, in steps of 5
DMxxxG1-G60HST	xxx=320-325, in steps of 5
DMxxxG1-G60HSW	xxx=320-325, in steps of 5
DMGxxxM6A-120HBT	xxx=320-325, in steps of 5
DMxxxG1-G60HBT	xxx=320-325, in steps of 5
DMGxxxB6-72ST	xxx=355-375, in step of 5
DMGxxxB6-72BT	xxx=355-375, in step of 5
DMGxxxB6-72SW	xxx=355-375, in step of 5
DMGxxxB6-60ST	xxx=295-310, in step of 5
DMGxxxB6-60BT	xxx=295-310, in step of 5
DMGxxxB6-60SW	xxx=295-310, in step of 5
DMGxxxB6-72XW	xxx=355-375, in step of 5
DMGxxxB6-60XW	xxx=295-310, in step of 5
DMGxxxB6A-72ST	xxx=390-395, in steps of 5
DMGxxxB6A-72SW	xxx=390-395, in steps of 5
DMxxxG1-B72ST	xxx=390-395, in steps of 5
DMxxxG1-B72SW	xxx=390-395, in steps of 5
DMGxxxB6A-72BT	xxx=390-395, in steps of 5
DMxxxG1-B72BT	xxx=390-395, in steps of 5
DMxxxG1-B72BB	xxx=390-395, in steps of 5
DMGxxxB6A-60ST	xxx=325-330, in steps of 5
DMGxxxB6A-60SW	xxx=325-330, in steps of 5

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

DMxxxG1-B60ST	xxx=325-330, in steps of 5
DMxxxG1-B60SW	xxx=325-330, in steps of 5
DMGxxxB6A-60BT	xxx=325-330, in steps of 5
DMxxxG1-B60BT	xxx=325-330, in steps of 5
DMxxxG1-B60BB	xxx=325-330, in steps of 5
DMGxxxB6-144HST	xxx=360-370, in step of 5
DMGxxxB6-144HBT	xxx=360-370, in step of 5
DMGxxxB6-120HST	xxx=300-305, in step of 5
DMGxxxB6-120HBT	xxx=300-305, in step of 5
DMGxxxB6A-144HST	xxx=390-410, in steps of 5
DMxxxG1-B72HST	xxx=390-410, in steps of 5
DMxxxG1-B72HSW	xxx=390-410, in steps of 5
DMGxxxB6A-144HBT	xxx=390-410, in steps of 5
DMxxxG1-B72HBT	xxx=390-410, in steps of 5
DMxxxG1-B72HBB	xxx=390-410, in steps of 5
DMxxxG1-B72HBW	xxx=390-410, in steps of 5
DMGxxxB6A-120HST	xxx=325-340, in steps of 5
DMxxxG1-B60HST	xxx=325-340, in steps of 5
DMxxxG1-B60HSW	xxx=325-340, in steps of 5
DMGxxxB6A-120HBT	xxx=325-340, in steps of 5
DMxxxG1-B60HBT	xxx=325-340, in steps of 5
DMxxxG1-B60HBB	xxx=325-340, in steps of 5
DMxxxG1-B60HBW	xxx=325-340, in steps of 5
DMxxxM6-B72HSW	xxx=420-460, in step of 5
DMxxxM6-B72HBW	xxx=420-460, in step of 5
DMxxxM6-B72HBT	xxx=420-460, in step of 5
DMxxxM6-B72HST	xxx=420-460, in step of 5
DMxxxM6-B72HBB	xxx=420-460, in step of 5
DMxxxM6-B60HSW	xxx=350-385, in step of 5
DMxxxM6-B60HBW	xxx=350-385, in step of 5
DMxxxM6-B60HBT	xxx=350-385, in step of 5
DMxxxM6-B60HST	xxx=350-385, in step of 5
DMxxxM6-B60HBB	xxx=350-385, in step of 5
DMxxxM6-B22HSW	xxx=130-135, in step of 5
DMxxxM6-B22HBW	xxx=130-135, in step of 5
DMxxxM6-B22HBT	xxx=130-135, in step of 5
DMxxxM6-B22HST	xxx=130-135, in step of 5
GHxxxM6-B72HSW	xxx=420-460, in step of 5
GHxxxM6-B72HST	xxx=420-460, in step of 5
GHxxxM6-B72HBT	xxx=420-460, in step of 5
GHxxxM6-B72HBB	xxx=420-460, in step of 5
GHxxxM6-B60HSW	xxx=350-385, in step of 5
GHxxxM6-B60HST	xxx=350-385, in step of 5
GHxxxM6-B60HBT	xxx=350-385, in step of 5
GHxxxM6-B60HBB	xxx=350-385, in step of 5



SOLARIF

RISK MANAGEMENT

GHxxxM6-B72HSW-C	xxx=420-460, in step of 5
GHxxxM6-B72HST-C	xxx=420-460, in step of 5
GHxxxM6-B72HBT-C	xxx=420-460, in step of 5
GHxxxM6-B72HBB-C	xxx=420-460, in step of 5
GHxxxM6-B60HSW-C	xxx=350-385, in step of 5
GHxxxM6-B60HST-C	xxx=350-385, in step of 5
GHxxxM6-B60HBT-C	xxx=350-385, in step of 5
GHxxxM6-B60HBB-C	xxx=350-385, in step of 5
DMxxxM10-B78HBW	xxx=570-600, in step of 5
DMxxxM10-B78HBT	xxx=570-600, in step of 5
DMxxxM10-B78HST	xxx=570-600, in step of 5
DMxxxM10-B78HBB	xxx=570-600, in step of 5
DMxxxM10-B72HSW	xxx=510-560, in step of 5
DMxxxM10-B72HBW	xxx=510-560, in step of 5
DMxxxM10-B72HBT	xxx=510-560, in step of 5
DMxxxM10-B72HST	xxx=510-560, in step of 5
DMxxxM10-B72HBB	xxx=510-560, in step of 5
DMxxxM10-B72HSW-A	xxx=535
DMxxxM10-B66HSW	xxx=475-515, in step of 5
DMxxxM10-B66HBW	xxx=475-515, in step of 5
DMxxxM10-B66HBT	xxx=475-515, in step of 5
DMxxxM10-B66HST	xxx=475-515, in step of 5
DMxxxM10-B66HBB	xxx=475-515, in step of 5
DMxxxM10-B60HSW	xxx=435-465, in step of 5
DMxxxM10-B60HBW	xxx=435-465, in step of 5
DMxxxM10-B60HBT	xxx=435-465, in step of 5
DMxxxM10-B60HST	xxx=435-465, in step of 5
DMxxxM10-B60HBB	xxx=435-465, in step of 5
DMxxxM10-B54HSW	xxx=390-425, in step of 5
DMxxxM10-B54HBW	xxx=390-425, in step of 5
DMxxxM10-B54HBT	xxx=390-425, in step of 5
DMxxxM10-B54HST	xxx=390-425, in step of 5
DMxxxM10-B54HBB	xxx=390-425, in step of 5
DMxxxM10-B48HSW	xxx=340-365, in step of 5
DMxxxM10-B48HBW	xxx=340-365, in step of 5
DMxxxM10-B48HBT	xxx=340-365, in step of 5
DMxxxM10-B48HST	xxx=340-365, in step of 5
DMxxxM10-B48HBB	xxx=340-365, in step of 5
DMxxxM10-B36HSW	xxx=255-270, in step of 5
DMxxxM10-B36HBW	xxx=255-270, in step of 5
DMxxxM10-B36HBT	xxx=255-270, in step of 5
DMxxxM10-B36HST	xxx=255-270, in step of 5
DMxxxM10-B36HBB	xxx=255-270, in step of 5
GHxxxM10-B48HSW	xxx=340-365, in step of 5
GHxxxM10-B48HBW	xxx=340-365, in step of 5



SOLARIF

RISK MANAGEMENT

GHxxxM10-B48HBT	xxx=340-365, in step of 5
GHxxxM10-B48HST	xxx=340-365, in step of 5
GHxxxM10-B48HBB	xxx=340-365, in step of 5
GHxxxM10-B36HSW	xxx=255-270, in step of 5
GHxxxM10-B36HBW	xxx=255-270, in step of 5
GHxxxM10-B36HBT	xxx=255-270, in step of 5
GHxxxM10-B36HST	xxx=255-270, in step of 5
GHxxxM10-B36HBB	xxx=255-270, in step of 5
DMxxxG12-B66HSW	xxx=630-655, in step of 5
DMxxxG12-B66HBW	xxx=630-655, in step of 5
DMxxxG12-B66FIBT	xxx=630-655, in step of 5
DMxxxG12-B66HST	xxx=630-655, in step of 5
DMxxxG12-B66FIBB	xxx=630-655, in step of 5
DMxxxG12-B60HSW	xxx=575-595, in step of 5
DMxxxG12-B60HBW	xxx=575-595, in step of 5
DMxxxG12-B60FIBT	xxx=575-595, in step of 5
DMxxxG12-B60HST	xxx=575-595, in step of 5
DMxxxG12-B60HBB	xxx=575-595, in step of 5

Single Glass modules (Topcon)	
Model	Power range
DMxxxM10T-72HBB	xxx=550-580, in steps of 5
DMxxxM10T-72HSW	xxx=550-580, in steps of 5
DMxxxM10T-72HBW	xxx=550-580, in steps of 5
DMXXXM10T-66HBB	xxx=505-530, in steps of 5
DMXXXM10T-66HSW	xxx=505-530, in steps of 5
DMXXXM10T-66HBW	xxx=505-530, in steps of 5
DMXXXM10T-60HBB	xxx=455-480, in steps of 5
DMXXXM10T-60HSW	xxx=455-480, in steps of 5
DMXXXM10T-60HBW	xxx=455-480, in steps of 5
DMXXXM10T-54HBB	xxx=410-435, in steps of 5
DMXXXM10T-54HSW	xxx=410-435, in steps of 5
DMXXXM10T-54HBW	xxx=410-435, in steps of 5



SOLARIF

RISK MANAGEMENT

Double Glass modules (Topcon)	
Model	Power range
DMxxxM10T-B78HBB	xxx=590-625, in steps of 5
DMxxxM10T-B78HSW	xxx=590-625, in steps of 5
DMxxxM10T-B78HST	xxx=590-625, in steps of 5
DMxxxM10T-B78HBW	xxx=590-625, in steps of 5
DMxxxM10T-B72HBB	xxx=535-575, in steps of 5
DMxxxM10T-B72HSW	xxx=535-575, in steps of 5
DMxxxM10T-B72HST	xxx=535-575, in steps of 5
DMxxxM10T-B72HBW	xxx=535-575, in steps of 5
DMxxxM10T-B66HBB	xxx=500-525, in steps of 5
DMxxxM10T-B66HSW	xxx=500-525, in steps of 5
DMxxxM10T-B66HST	xxx=500-525, in steps of 5
DMxxxM10T-B66HBW	xxx=500-525, in steps of 5
DMxxxM10T-B60HBB	xxx=450-480, in steps of 5
DMxxxM10T-B60HSW	xxx=450-480, in steps of 5
DMxxxM10T-B60HST	xxx=450-480, in steps of 5
DMxxxM10T-B60HBW	xxx=450-480, in steps of 5
DMxxxM10T-B54HBB	xxx=405-430, in steps of 5
DMxxxM10T-B54HSW	xxx=405-430, in steps of 5
DMxxxM10T-B54HST	xxx=405-430, in steps of 5
DMxxxM10T-B54HBW	xxx=405-430, in steps of 5



SOLARIF

RISK MANAGEMENT

2. Module Standards - Certification Details

DESIGN QUALIFICATION (IEC 61215/ IEC61730 Single Glass/1000V system voltage)	
Certification body	TÜV SÜD
Certificate No	No. Z2 076043 0089 Rev. 16
Date of Issue	2022-08-05
Validity	2027-08-04
Tested according to	IEC 61215-1: 2016 IEC 61215-1-1: 2016 IEC 61215-2: 2016 IEC 61730-1: 2016 IEC 61730-2: 2016 EN 61215-1: 2016 EN 61215-1-1: 2016 EN 61215-2: 2017 EN IEC 61730-1: 2018 EN IEC 61730-1: 2018/AC: 2018-06 EN IEC 61730-2: 2018 EN IEC 61730-2: 2018/AC: 2018-06



SOLARIF

RISK MANAGEMENT

Certified PV modules	DMxxx-M156-72, (xxx=335-375, in steps of 5) DMxxx-M156-72BK, (xxx=335-375, in steps of 5) DMxxx-M156-60, (xxx=280-310, in steps of 5) DMxxx-M156-60BK, (xxx=280-310, in steps of 5) DMHxxxM6-144SW, (xxx=340-385, in steps of 5) DMHxxxM6-144BB, (xxx=340-385, in steps of 5) DMHxxxM6-144BW, (xxx=340-385, in steps of 5) DMHxxxM6-120SW, (xxx=280-320, in steps of 5) DMHxxxM6-120BB, (xxx=280-320, in steps of 5) DMHxxxM6-120BW, (xxx=280-320, in steps of 5) DMxxx-M156-72P, (xxx=335-375, in steps of 5) DMxxx-M156-60P, (xxx=280-310, in steps of 5) DMxxx-M156-36P, (xxx=175-190, in steps of 5) DMxxx-M159-72, (xxx=385-395, in steps of 5) DMxxx-M159-72BK, (xxx=385-395, in steps of 5) DMxxx-M159-60, (xxx=315-325, in steps of 5) DMxxx-M159-60BK, (xxx=315-325, in steps of 5) DMHxxxM6A-144SW, (xxx=380-420, in steps of 5) DMHxxxM6A-144BB, (xxx=380-420, in steps of 5) DMHxxxM6A-144BW, (xxx=380-420, in steps of 5) DMHxxxM6A-120SW, (xxx=320-335, in steps of 5) DMHxxxM6A-120BB, (xxx=320-335, in steps of 5) DMHxxxM6A-120BW, (xxx=320-335, in steps of 5) DMxxx-M159-72UB, (xxx=385-395, in steps of 5) DMxxx-M159-60UB, (xxx=315-325, in steps of 5) DMxxxM6-60HSW, (xxx=345-385, in steps of 5) DMxxxM6-60HBW, (xxx=345-385, in steps of 5) DMxxxM6-60HBB, (xxx=345-385, in steps of 5) DMxxxM6-72HSW, (xxx=415-465, in steps of 5) DMxxxM6-72HBW, (xxx=415-465, in steps of 5)
-----------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



SOLARIF

RISK MANAGEMENT

	<p>DMxxxM6-72HBB, (xxx=415-465, in steps of 5) DMxxxG1-60SW, (xxx=315-330, in steps of 5) DMxxxG1-60BW, (xxx=315-330, in steps of 5) DMxxxG1-60HSW, (xxx=320-350, in steps of 5) DMxxxG1-60HBW, (xxx=320-350, in steps of 5) DMxxxG1-60BB, (xxx=315-330, in steps of 5) DMxxxG1-60BU, (xxx=300-330, in steps of 5) DMxxxG1-60HBB, (xxx=320-350, in steps of 5) DMxxxG1-72SW, (xxx=385-395, in steps of 5) DMxxxG1-72BW, (xxx=385-395, in steps of 5) DMxxxG1-72HSW, (xxx=380-405, in steps of 5) DMxxxG1-72HBW, (xxx=380-405, in steps of 5) DMxxxG1-72BB, (xxx=385-395, in steps of 5) DMxxxG1-72BU, (xxx=385-395, in steps of 5) DMxxxG1-72HBB, (xxx=380-405, in steps of 5) DMxxxM2-60SW, (xxx=280-310, in steps of 5) DMxxxM2-60BW, (xxx=280-310, in steps of 5) DMxxxM2-60HSW, (xxx=280-320, in steps of 5) DMxxxM2-60HBW, (xxx=280-320, in steps of 5) DMxxxM2-60BB, (xxx=280-310, in steps of 5) DMxxxM2-60BU, (xxx=280-310, in steps of 5) DMxxxM2-60HBB, (xxx=280-320, in steps of 5) DMxxxM2-72SW, (xxx=335-375, in steps of 5) DMxxxM2-72BW, (xxx=335-375, in steps of 5) DMxxxM2-72HSW, (xxx=340-385, in steps of 5) DMxxxM2-72HBW, (xxx=340-385, in steps of 5) DMxxxM2-72BB, (xxx=335-375, in steps of 5) DMxxxM2-72BU, (xxx=335-375, in steps of 5) DMXXXM2-72HBB, (xxx=340-385, in steps of 5) DMxxxG1-66HBB, (xxx=340-370, in steps of 5) DMxxxG1-66HSW, (xxx=340-370, in steps of 5) DMxxxG1-66HBW, (xxx=340-370, in steps of 5) DMxxxM10-72HSW, (xxx=535-555, in steps of 5) DMxxxM10-72HBW, (xxx=535-555, in steps of 5) DMxxxM10-72HBB, (xxx=535-555, in steps of 5) DMxxxM10S-72HSW, (xxx=535-555, in steps of 5) DMxxxM10S-72HBW, (xxx=535-555, in steps of 5) DMxxxM10S-72HBB, (xxx=535-555, in steps of 5) DMxxxM10-60HSW, (xxx=445-460, in steps of 5) DMxxxM10-60HBW, (xxx=445-460, in steps of 5) DMxxxM10-60HBB, (xxx=445-460, in steps of 5) DMxxxM10-54HSW, (xxx=380-415, in steps of 5) DMxxxM10-54HBW, (xxx=380-415, in steps of 5) DMxxxM10-54HBB, (xxx=380-415, in steps of 5) DMxxxM10S-60HSW, (xxx=445-460, in steps of 5) DMxxxM10S-60HBW, (xxx=445-460, in steps of 5)</p>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

	<p>DMxxxM10S-60HBB, (xxx=445-460, in steps of 5) DMxxxM10S-54HSW, (xxx=380-415, in steps of 5) DMxxxM10S-54HBW, (xxx=380-415, in steps of 5) DMxxxM10S-54HBB, (xxx=380-415, in steps of 5) DMxxxG1-48SW (xxx=255-280, in steps of 5) DMxxxG1-48BW (xxx=255-280, in steps of 5) DMxxxG12-66HSW, (xxx=650-660, in steps of 5) DMxxxG12-66HBW, (xxx=650-660, in steps of 5) DMxxxG12-66HBB, (xxx=650-660, in steps of 5) DMxxxG12-60HSW, (xxx=590-600, in steps of 5) DMxxxG12-60HBW, (xxx=590-600, in steps of 5) DMxxxG12-60HBB, (xxx=590-600, in steps of 5) DMxxxM6S-72HSW, (xxx=415-465, in steps of 5) DMxxxM6S-72HBW, (xxx=415-465, in steps of 5) DMxxxM6S-72HBB, (xxx=415-465, in steps of 5) DMxxxM6S-60HSW, (xxx=345-385, in steps of 5) DMxxxM6S-60HBW, (xxx=345-385, in steps of 5) DMxxxM6S-60HBB, (xxx=345-385, in steps of 5) DMxxxM6-54HSW, (xxx=315-340, in steps of 5) DMxxxM6-54HBW, (xxx=315-340, in steps of 5) DMxxxM6-54HBB, (xxx=315-340, in steps of 5) DMxxxM10-66HSW, (xxx=480-505, in steps of 5) DMxxxM10-66HBW, (xxx=480-505, in steps of 5) DMxxxM10-66HBB, (xxx=480-505, in steps of 5) DMxxxM10S-66HSW, (xxx=480-505, in steps of 5) DMxxxM10S-66HBW, (xxx=480-505, in steps of 5) DMxxxM10S-66HBB, (xxx=480-505, in steps of 5) DMxxxM10-32HBW, (xxx=240-245, in steps of 5) DMxxxM10-32HSW, (xxx=240-245, in steps of 5) DMxxxM10-32HBB, (xxx=240-245, in steps of 5) DMxxxM10-16HBW, (xxx=115-120, in step of 1) DMxxxM10-16HBB, (xxx=115-120, in step of 1) DMxxxM10-16HSW, (xxx=115-120, in step of 1) DMxxxM10-78HSW, (xxx=570-600, in steps of 5) DMxxxM10-78HBW, (xxx=570-600, in steps of 5) DMxxxM10-78HBB, (xxx=570-600, in steps of 5) GHxxxM10-72HSW-C, (xxx=535-555, in steps of 5) GHxxxM10-72HBW-C, (xxx=535-555, in steps of 5) GHxxxM10-72HBB-C, (xxx=535-555, in steps of 5) GHxxxM10-60HSW-C, (xxx=445-460, in steps of 5) GHxxxM10-60HBW-C, (xxx=445-460, in steps of 5) GHxxxM10-60HBB-C, (xxx=445-460, in steps of 5) GHxxxM6-72HSW-C, (xxx=415-465, in steps of 5) GHxxxM6-72HBW-C, (xxx=415-465, in steps of 5) GHxxxM6-72HBB-C, (xxx=415-465, in steps of 5) GHxxxM6-60HSW-C, (xxx=345-380, in steps of 5)</p>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

	<p>GHxxxM6-60HBW-C, (xxx=345-380, in steps of 5) GHxxxM6-60HBB-C, (xxx=345-380, in steps of 5) GHxxxG1-72HSW-C, (xxx=385-420, in steps of 5) GHxxxG1-72HBW-C, (xxx=385-420, in steps of 5) GHxxxG1-72HBB-C, (xxx=385-420, in steps of 5) GHxxxG1-60HSW-C, (xxx=320-350, in steps of 5) GHxxxG1-60HBW-C, (xxx=320-350, in steps of 5) GHxxxG1-60HBB-C, (xxx=320-350, in steps of 5) GHxxxG1-72SW-C, (xxx=385-420, in steps of 5) GHxxxG1-72BW-C, (xxx=385-420, in steps of 5) GHxxxG1-72BB-C, (xxx=385-420, in steps of 5) GHxxxG1-60SW-C, (xxx=315-330, in steps of 5) GHxxxG1-60ST-C, (xxx=315-330, in steps of 5) GHxxxG1-60BW-C, (xxx=315-330, in steps of 5) xxx is standing for rated output power at STC.</p>
--	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DESIGN QUALIFICATION (IEC 61215/ IEC61730 Single Glass/1500V system voltage)	
Certification body	TÜV SÜD
Certificate No	No. Z2 076043 0085 Rev. 17
Date of Issue	2022-07-15
Validity	2027-07-14
Tested according to	IEC 61215-1: 2016 IEC 61215-1-1: 2016 IEC 61215-2: 2016 IEC 61730-1: 2016 IEC 61730-2: 2016 EN 61215-1: 2016 EN 61215-1-1: 2016 EN 61215-2: 2017 EN IEC 61730-1: 2018 EN IEC 61730-1: 2018/AC: 2018-06 EN IEC 61730-2: 2018 EN IEC 61730-2: 2018/AC: 2018-06

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

Certified PV modules	DMxxx-M156-72-V, (xxx=335-375, in steps of 5) DMxxx-M156-60-V, (xxx=280-310, in steps of 5) DMHxxxM6-144SW-V, (xxx=340-385, in steps of 5) DMHxxxM6-120SW-V, (xxx=280-320, in steps of 5) DMxxx-M156-72P-V, (xxx=335-375, in steps of 5) DMxxx-M156-60P-V, (xxx=280-310, in steps of 5) DMxxx-M156-36P-V, (xxx=175-190, in steps of 5) DMxxx-M159-72-V, (xxx=385-395, in steps of 5) DMxxx-M159-60-V, (xxx=315-330, in steps of 5) DMHxxxM6A-144SW-V, (xxx=380-405, in steps of 5) DMHxxxM6A-120SW-V, (xxx=320-350, in steps of 5) DMxxxM6-72HSW-V, (xxx=415-465, in steps of 5) GHxxxM6-72HSW-V, (xxx=415-465, in steps of 5) DMxxxM6-60HSW-V, (xxx=345-385, in steps of 5) GHxxxM6-60HSW-V, (xxx=345-385, in steps of 5) DMxxxM6-72HBW-V, (xxx=415-465, in steps of 5) DMxxxM6-72HBB-V, (xxx=415-465, in steps of 5) GHxxxM6-72HBW-V, (xxx=415-465, in steps of 5) DMxxxM6-60HBW-V, (xxx=345-385, in steps of 5) DMxxxM6-60HBB-V, (xxx=345-385, in steps of 5) GHxxxM6-60HBW-V, (xxx=345-385, in steps of 5) DMHxxxM6A-144BW-V, (xxx=380-405, in steps of 5) DMHxxxM6A-120BW-V, (xxx=320-350, in steps of 5) DMxxxG1-60SW-V, (xxx=315-330, in steps of 5) DMxxxG1-60BW-V, (xxx=315-330, in steps of 5) DMxxxG1-60HSW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HBW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HBB-V, (xxx=320-350, in steps of 5) DMxxxG1-72SW-V, (xxx=385-395, in steps of 5) DMxxxG1-72BW-V, (xxx=385-395, in steps of 5) DMxxxG1-72HSW-V, (xxx=380-420, in steps of 5) DMxxxG1-72HBW-V, (xxx=380-420, in steps of 5) DMxxxG1-72HBB-V, (xxx=380-420, in steps of 5) DMxxxM2-60SW-V, (xxx=280-310, in steps of 5) DMxxxM2-60BW-V, (xxx=280-310, in steps of 5) DMxxxM2-60HSW-V, (xxx=280-320, in steps of 5) DMxxxM2-60HBW-V, (xxx=280-320, in steps of 5) DMxxxM2-72SW-V, (xxx=335-375, in steps of 5) DMxxxM2-72BW-V, (xxx=335-375, in steps of 5) DMxxxM2-72HSW-V, (xxx=340-385, in steps of 5) DMxxxM2-72HBW-V, (xxx=340-385, in steps of 5) DMxxxM10-72HSW-V, (xxx=535-555, in steps of 5) DMxxxM10S-72HSW-V, (xxx=535-555, in steps of 5) GHxxxM10-72HSW-V, (xxx=535-555, in steps of 5) DMxxxM10-72HBW-V, (xxx=535-555, in steps of 5) DMxxxM10S-72HBW-V, (xxx=535-555, in steps of 5)
-----------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

DMxxxM10-72HBB-V, (xxx=535-555, in steps of 5)
DMxxxM10S-72HBB-V, (xxx=535-555, in steps of 5)
GHxxxM10-72HBW-V, (xxx=535-555, in steps of 5)
DMxxxM10-60HSW-V, (xxx=445-460, in steps of 5)
DMxxxM10S-60HSW-V, (xxx=445-460, in steps of 5)
GHxxxM10-60HSW-V, (xxx=445-460, in steps of 5)
DMxxxM10-60HBW-V, (xxx=445-460, in steps of 5)
DMxxxM10S-60HBW-V, (xxx=445-460, in steps of 5)
DMxxxM10-60HBB-V, (xxx=445-460, in steps of 5)
DMxxxM10S-60HBB-V, (xxx=445-460, in steps of 5)
GHxxxM10-60HBW-V, (xxx=445-460, in steps of 5)
DMxxxM10-54HSW-V, (xxx=380-415, in steps of 5)
DMxxxM10S-54HSW-V, (xxx=380-415, in steps of 5)
DMxxxM10-54HBW-V, (xxx=380-415, in steps of 5)
DMxxxM10S-54HBW-V, (xxx=380-415, in steps of 5)
DMxxxM10-54HBB-V, (xxx=380-415, in steps of 5)
DMxxxM10S-54HBB-V, (xxx=380-415, in steps of 5)
GHxxxM10-54HBW-V, (xxx=380-415, in steps of 5)
GHxxxM10-54HSW-V, (xxx=380-415, in steps of 5)
DMxxxM2-18XB-V, (xxx=84-90, in steps of 1)
DMxxxM2-6XB-V, (xxx=28-30, in steps of 1)
DMxxxG12-66HSW-V, (xxx=650-660, in steps of 5)
DMxxxG12-66HBW-V, (xxx=650-660, in steps of 5)
DMxxxG12-66HBB-V, (xxx=650-660, in steps of 5)
DMxxxG12-60HSW-V, (xxx=590-600, in steps of 5)
DMxxxG12-60HBW-V, (xxx=590-600, in steps of 5)
DMxxxG12-60HBB-V, (xxx=590-600, in steps of 5)
DMxxxM6S-72HSW-V, (xxx=415-465, in steps of 5)
DMxxxM6S-72HBW-V, (xxx=415-465, in steps of 5)
DMxxxM6S-72HBB-V, (xxx=415-465, in steps of 5)
DMxxxM6S-60HSW-V, (xxx=345-380, in steps of 5)
DMxxxM6S-60HBW-V, (xxx=345-380, in steps of 5)
DMxxxM6S-60HBB-V, (xxx=345-380, in steps of 5)
DMxxxM6-54HSW-V, (xxx=315-340, in steps of 5)
DMxxxM6-54HBW-V, (xxx=315-340, in steps of 5)
DMxxxM6-54HBB-V, (xxx=315-340, in steps of 5)
DMxxxM10-66HSW-V, (xxx=480-505, in steps of 5)
DMxxxM10-66HBW-V, (xxx=480-505, in steps of 5)
DMxxxM10-66HBB-V, (xxx=480-505, in steps of 5)
DMxxxM10S-66HSW-V, (xxx=480-505, in steps of 5)
DMxxxM10S-66HBW-V, (xxx=480-505, in steps of 5)
DMxxxM10S-66HBB-V, (xxx=480-505, in steps of 5)
DMxxxM10-78HSW-V, (xxx=570-600, in step of 5)
DMxxxM10-78HBW-V, (xxx=570-600, in step of 5)
DMxxxM10-78HBB-V, (xxx=570-600, in step of 5)
GHxxxM10-72HSW-C-V, (xxx=535-555, in steps of 5)

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

	<p>GHxxxM10-72HBW-C-V, (xxx=535-555, in steps of 5) GHxxxM10-72HBB-C-V, (xxx=535-555, in steps of 5) GHxxxM10-60HSW-C-V, (xxx=445-460, in steps of 5) GHxxxM10-60HBW-C-V, (xxx=445-460, in steps of 5) GHxxxM10-60HBB-C-V, (xxx=445-460, in steps of 5) GHxxxM6-72HSW-C-V, (xxx=415-465, in steps of 5) GHxxxM6-72HBW-C-V, (xxx=415-465, in steps of 5) GHxxxM6-72HBB-C-V, (xxx=415-465, in steps of 5) GHxxxM6-60HSW-C-V, (xxx=345-380, in steps of 5) GHxxxM6-60HBW-C-V, (xxx=345-380, in steps of 5) GHxxxM6-60HBB-C-V, (xxx=345-380, in steps of 5) GHxxxG1-72HSW-C-V, (xxx=385-420, in steps of 5) GHxxxG1-72HBW-C-V, (xxx=385-420, in steps of 5) GHxxxG1-72HBB-C-V, (xxx=385-420, in steps of 5) GHxxxG1-60HSW-C-V, (xxx=320-350, in steps of 5) GHxxxG1-60HBW-C-V, (xxx=320-350, in steps of 5) GHxxxG1-60HBB-C-V, (xxx=320-350, in steps of 5) GHxxxG1-72SW-C-V, (xxx=385-420, in steps of 5) GHxxxG1-72BW-C-V, (xxx=385-420, in steps of 5) GHxxxG1-72BB-C-V, (xxx=385-420, in steps of 5) GHxxxG1-60SW-C-V, (xxx=315-330, in steps of 5) GHxxxG1-60ST-C-V, (xxx=315-330, in steps of 5) GHxxxG1-60BW-C-V, (xxx=315-330, in steps of 5) xxx is standing for the rated output power at STC.</p>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DESIGN QUALIFICATION (IEC 61215/ IEC61730 Double Glass/1500V system voltage)	
Certification body	TÜV NORD
Certificate No	44 780 20 406749 – 229R11A1M12
Date of Issue	2023/3/15
Validity	2025/11/22
Tested according to	IEC / EN 61215-1:2016; IEC / EN 61215-1-1:2016; IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018; IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018; IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018
Certified PV Modules	DMGxxxM6A-72ST (xxx=380-390, in steps of 5) DMxxxG1-G72ST (xxx=380-390, in steps of 5) DMxxxG1-G72SW (xxx=380-390, in steps of 5) DMGxxxM6A-72BT (xxx=380-390, in steps of 5) DMxxxG1-G72BT (xxx=380-390, in steps of 5) DMxxxG1-G72BB (xxx=380-390, in steps of 5)

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

	<p>DMGxxxM6A-60ST (xxx=315-325, in steps of 5) DMxxxG1-G60ST (xxx=315-325, in steps of 5) DMxxxG1-G60SW (xxx=315-325, in steps of 5) DMGxxxM6A-60BT (xxx=315-325, in steps of 5) DMxxxG1-G60BT (xxx=315-325, in steps of 5) DMxxxG1-G60BB (xxx=315-325, in steps of 5) DMGxxxM6A-144HST (xxx=385-390, in steps of 5) DMxxxG1-G72HST (xxx=385-390, in steps of 5) DMxxxG1-G72HSW (xxx=385-390, in steps of 5) DMGxxxM6A-144HBT (xxx=385-390, in steps of 5) DMxxxG1-G72HBT (xxx=385-390, in steps of 5) DMxxxG1-G72HBB (xxx=385-390, in steps of 5) DMGxxxM6A-120HST (xxx=320-325, in steps of 5) DMxxxG1-G60HST (xxx=320-325, in steps of 5) DMxxxG1-G60HSW (xxx=320-325, in steps of 5) DMGxxxM6A-120HBT (xxx=320-325, in steps of 5) DMxxxG1-G60HBT (xxx=320-325, in steps of 5) DMGxxxB6-72ST (xxx=355-375, in step of 5) DMGxxxB6-72BT (xxx=355-375, in step of 5) DMGxxxB6-72SW (xxx=355-375, in step of 5) DMGxxxB6-60ST (xxx=295-310, in step of 5) DMGxxxB6-60BT (xxx=295-310, in step of 5) DMGxxxB6-60SW (xxx=295-310, in step of 5) DMGxxxB6-72XW (xxx=355-375, in step of 5) DMGxxxB6-60XW (xxx=295-310, in step of 5) DMGxxxB6A-72ST (xxx=390-395, in steps of 5) DMGxxxB6A-72SW (xxx=390-395, in steps of 5) DMxxxG1-B72ST (xxx=390-395, in steps of 5) DMxxxG1-B72SW (xxx=390-395, in steps of 5) DMGxxxB6A-72BT (xxx=390-395, in steps of 5) DMxxxG1-B72BT (xxx=390-395, in steps of 5) DMxxxG1-B72BB (xxx=390-395, in steps of 5) DMGxxxB6A-60ST (xxx=325-330, in steps of 5) DMGxxxB6A-60SW (xxx=325-330, in steps of 5) DMxxxG1-B60ST (xxx=325-330, in steps of 5) DMxxxG1-B60SW (xxx=325-330, in steps of 5) DMGxxxB6A-60BT (xxx=325-330, in steps of 5) DMxxxG1-B60BT (xxx=325-330, in steps of 5) DMxxxG1-B60BB (xxx=325-330, in steps of 5) DMGxxxB6-144HST (xxx=360-370, in step of 5) DMGxxxB6-144HBT (xxx=360-370, in step of 5) DMGxxxB6-120HST (xxx=300-305, in step of 5) DMGxxxB6-120HBT (xxx=300-305, in step of 5) DMGxxxB6A-144HST (xxx=390-410, in steps of 5) DMxxxG1-B72HST (xxx=390-410, in steps of 5) DMxxxG1-B72HSW (xxx=390-410, in steps of 5)</p>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

	<p>DMGxxxB6A-144HBT (xxx=390-410, in steps of 5) DMxxxG1-B72HBT (xxx=390-410, in steps of 5) DMxxxG1-B72HBB (xxx=390-410, in steps of 5) DMxxxG1-B72HBW (xxx=390-410, in steps of 5) DMGxxxB6A-120HST (xxx=325-340, in steps of 5) DMxxxG1-B60HST (xxx=325-340, in steps of 5) DMxxxG1-B60HSW (xxx=325-340, in steps of 5) DMGxxxB6A-120HBT (xxx=325-340, in steps of 5) DMxxxG1-B60HBT (xxx=325-340, in steps of 5) DMxxxG1-B60HBB (xxx=325-340, in steps of 5) DMxxxG1-B60HBW (xxx=325-340, in steps of 5) DMxxxM6-B72HSW (xxx=420-460, in step of 5) DMxxxM6-B72HBW (xxx=420-460, in step of 5) DMxxxM6-B72HBT (xxx=420-460, in step of 5) DMxxxM6-B72HST (xxx=420-460, in step of 5) DMxxxM6-B72HBB (xxx=420-460, in step of 5) DMxxxM6-B60HSW (xxx=350-385, in step of 5) DMxxxM6-B60HBW (xxx=350-385, in step of 5) DMxxxM6-B60HBT (xxx=350-385, in step of 5) DMxxxM6-B60HST (xxx=350-385, in step of 5) DMxxxM6-B60HBB (xxx=350-385, in step of 5) DMxxxM6-B22HSW (xxx=130-135, in step of 5) DMxxxM6-B22HBW (xxx=130-135, in step of 5) DMxxxM6-B22HBT (xxx=130-135, in step of 5) DMxxxM6-B22HST (xxx=130-135, in step of 5) GHxxxM6-B72HSW (xxx=420-460, in step of 5) GHxxxM6-B72HST (xxx=420-460, in step of 5) GHxxxM6-B72HBT (xxx=420-460, in step of 5) GHxxxM6-B72HBB (xxx=420-460, in step of 5) GHxxxM6-B60HSW (xxx=350-385, in step of 5) GHxxxM6-B60HST (xxx=350-385, in step of 5) GHxxxM6-B60HBT (xxx=350-385, in step of 5) GHxxxM6-B60HBB (xxx=350-385, in step of 5) GHxxxM6-B72HSW-C (xxx=420-460, in step of 5) GHxxxM6-B72HST-C (xxx=420-460, in step of 5) GHxxxM6-B72HBT-C (xxx=420-460, in step of 5) GHxxxM6-B72HBB-C (xxx=420-460, in step of 5) GHxxxM6-B60HSW-C (xxx=350-385, in step of 5) GHxxxM6-B60HST-C (xxx=350-385, in step of 5) GHxxxM6-B60HBT-C (xxx=350-385, in step of 5) GHxxxM6-B60HBB-C (xxx=350-385, in step of 5) DMxxxM10-B78HBW (xxx=570-600, in step of 5) DMxxxM10-B78HBT (xxx=570-600, in step of 5) DMxxxM10-B78HST (xxx=570-600, in step of 5) DMxxxM10-B78HBB (xxx=570-600, in step of 5) DMxxxM10-B72HSW (xxx=510-560, in step of 5)</p>
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

	<p>DMxxxM10-B72HBW (xxx=510-560, in step of 5) DMxxxM10-B72HBT (xxx=510-560, in step of 5) DMxxxM10-B72HST (xxx=510-560, in step of 5) DMxxxM10-B72HBB (xxx=510-560, in step of 5) DMxxxM10-B72HSW-A (xxx=535) DMxxxM10-B66HSW (xxx=475-515, in step of 5) DMxxxM10-B66HBW (xxx=475-515, in step of 5) DMxxxM10-B66HBT (xxx=475-515, in step of 5) DMxxxM10-B66HST (xxx=475-515, in step of 5) DMxxxM10-B66HBB (xxx=475-515, in step of 5) DMxxxM10-B60HSW (xxx=435-465, in step of 5) DMxxxM10-B60HBW (xxx=435-465, in step of 5) DMxxxM10-B60HBT (xxx=435-465, in step of 5) DMxxxM10-B60HST (xxx=435-465, in step of 5) DMxxxM10-B60HBB (xxx=435-465, in step of 5) DMxxxM10-B54HSW (xxx=390-425, in step of 5) DMxxxM10-B54HBW (xxx=390-425, in step of 5) DMxxxM10-B54HBT (xxx=390-425, in step of 5) DMxxxM10-B54HST (xxx=390-425, in step of 5) DMxxxM10-B54HBB (xxx=390-425, in step of 5) DMxxxM10-B48HSW (xxx=340-365, in step of 5) DMxxxM10-B48HBW (xxx=340-365, in step of 5) DMxxxM10-B48HBT (xxx=340-365, in step of 5) DMxxxM10-B48HST (xxx=340-365, in step of 5) DMxxxM10-B48HBB (xxx=340-365, in step of 5) DMxxxM10-B36HSW (xxx=255-270, in step of 5) DMxxxM10-B36HBW (xxx=255-270, in step of 5) DMxxxM10-B36HBT (xxx=255-270, in step of 5) DMxxxM10-B36HST (xxx=255-270, in step of 5) DMxxxM10-B36HBB (xxx=255-270, in step of 5) GHxxxM10-B48HSW (xxx=340-365, in step of 5) GHxxxM10-B48HBW (xxx=340-365, in step of 5) GHxxxM10-B48HBT (xxx=340-365, in step of 5) GHxxxM10-B48HST (xxx=340-365, in step of 5) GHxxxM10-B48HBB (xxx=340-365, in step of 5) GHxxxM10-B36HSW (xxx=255-270, in step of 5) GHxxxM10-B36HBW (xxx=255-270, in step of 5) GHxxxM10-B36HBT (xxx=255-270, in step of 5) GHxxxM10-B36HST (xxx=255-270, in step of 5) GHxxxM10-B36HBB (xxx=255-270, in step of 5) DMxxxG12-B66HSW (xxx=630-655, in step of 5) DMxxxG12-B66HBW (xxx=630-655, in step of 5) DMxxxG12-B66FIBT (xxx=630-655, in step of 5) DMxxxG12-B66HST (xxx=630-655, in step of 5) DMxxxG12-B66FIBB (xxx=630-655, in step of 5) DMxxxG12-B60HSW (xxx=575-595, in step of 5)</p>
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

	DMxxxG12-B60HBW (xxx=575-595, in step of 5) DMxxxG12-B60FIBT (xxx=575-595, in step of 5) DMxxxG12-B60HST (xxx=575-595, in step of 5) DMxxxG12-B60HBB (xxx=575-595, in step of 5) xxx is standing for the rated output power at STC.
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DESIGN QUALIFICATION (IEC 61215/ IEC61730 Single Glass/Topcon)	
Certification body	TÜV SÜD
Certificate No	No. Z2 076043 0116 Rev. 00
Date of Issue	2023-05-04
Validity	2028-05-03
Tested according to	IEC 61215-1: 2021 IEC 61215-1-1: 2021 IEC 61215-2: 2021 IEC 61730-1: 2016 IEC 61730-2: 2016 EN IEC 61215-1-1: 2021 EN IEC 61215-1: 2021 EN IEC 61215-2: 2021 EN IEC 61730-1: 2018 EN IEC 61730-2: 2018
Certified PV Modules	1000V system voltage PV modules: DMxxxM10T-72HBB, (xxx=550-580, in steps of 5,144 cells) DMxxxM10T-72HSW, (xxx=550-580, in steps of 5,144 cells) DMxxxM10T-72HBW, (xxx=550-580, in steps of 5,144 cells) DMXXXM10T-66HBB, (xxx=505-530, in steps of 5,132 cells) DMXXXM10T-66HSW, (xxx=505-530, in steps of 5,132 cells) DMXXXM10T-66HBW, (xxx=505-530, in steps of 5,132 cells) DMXXXM10T-60HBB, (xxx=455-480, in steps of 5,120 cells) DMXXXM10T-60HSW, (xxx=455-480, in steps of 5,120 cells) DMXXXM10T-60HBW, (xxx=455-480, in steps of 5,120 cells) DMXXXM10T-54HBB, (xxx=410-435, in steps of 5,108 cells) DMXXXM10T-54HSW, (xxx=410-435, in steps of 5,108 cells) DMXXXM10T-54HBW, (xxx=410-435, in steps of 5,108 cells) xxx is standing for the rated power at STC. 1500V System Voltage PV modules: DMxxxM10T-72HBB-V, (xxx=550-580, in steps of 5,144 cells) DMxxxM10T-72HSW-V, (xxx=550-580, in steps of 5,144 cells) DMxxxM10T-72HBW-V, (xxx=550-580, in steps of 5,144 cells) DMXXXM10T-66HBB-V, (xxx=505-530, in steps of 5,132 cells) DMXXXM10T-66HSW-V, (xxx=505-530, in steps of 5,132 cells)

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

	DMXXXM10T-66HBB-V, (xxx=505-530, in steps of 5,132 cells) DMXXXM10T-60HBB-V, (xxx=455-480, in steps of 5,120 cells) DMXXXM10T-60HSW-V, (xxx=455-480, in steps of 5,120 cells) DMXXXM10T-60HBB-V, (xxx=455-480, in steps of 5,120 cells) DMXXXM10T-54HBB-V, (xxx=410-435, in steps of 5,108 cells) DMXXXM10T-54HSW-V, (xxx=410-435, in steps of 5,108 cells) DMXXXM10T-54HBB-V, (xxx=410-435, in steps of 5,108 cells) xxx is standing for the rated power at STC.
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DESIGN QUALIFICATION (IEC 61215/ IEC61730 Double Glass/Topcon)	
Certification body	TÜV Rheinland
Certificate No	PV 50582887
Date of Issue	2023-04-19
Validity	2028-04-18
Tested according to	IEC 61215-1: 2021 IEC 61215-1-1: 2021 IEC 61215-2: 2021 IEC 61730-1: 2016 IEC 61730-2: 2016 EN IEC 61215-1: 2021 EN IEC 61215-1-1: 2021 EN IEC 61215-2: 2021 EN IEC 61730-1: 2018 EN IEC 61730-2: 2018
Certified modules	Max System Voltage: up to 1500 VDC (Voc at STC): With 1/2 cut mono bifacial c-Si cells (Under STC): DMxxxM10T-B78HBB (xxx=590-625, in steps of 5, 156 cells) DMxxxM10T-B78HSW (xxx=590-625, in steps of 5, 156 cells) DMxxxM10T-B78HST (xxx=590-625, in steps of 5, 156 cells) DMxxxM10T-B78HBB (xxx=590-625, in steps of 5, 156 cells) DMxxxM10T-B72HBB (xxx=535-575, in steps of 5, 144 cells) DMxxxM10T-B72HSW (xxx=535-575, in steps of 5, 144 cells) DMxxxM10T-B72HST (xxx=535-575, in steps of 5, 144 cells) DMxxxM10T-B72HBB (xxx=535-575, in steps of 5, 144 cells) DMxxxM10T-B66HBB (xxx=500-525, in steps of 5, 132 cells) DMxxxM10T-B66HSW (xxx=500-525, in steps of 5, 132 cells) DMxxxM10T-B66HST (xxx=500-525, in steps of 5, 132 cells) DMxxxM10T-B66HBB (xxx=500-525, in steps of 5, 132 cells) DMxxxM10T-B60HBB (xxx=450-480, in steps of 5, 120 cells) DMxxxM10T-B60HSW (xxx=450-480, in steps of 5, 120 cells) DMxxxM10T-B60HST (xxx=450-480, in steps of 5, 120 cells) DMxxxM10T-B60HBB (xxx=450-480, in steps of 5, 120 cells) DMxxxM10T-B54HBB (xxx=405-430, in steps of 5, 108 cells)

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

- DMxxxM10T-B54HSW (xxx=405-430, in steps of 5, 108 cells)
- DMxxxM10T-B54HST (xxx=405-430, in steps of 5, 108 cells)
- DMxxxM10T-B54HBW (xxx=405-430, in steps of 5, 108 cells)

With 1/2 cut mono bifacial c-Si cells (Under BNPI):

DMxxxM10T-B78HBB

(xxx=649,655,660,666,671,677,682,688,156 cells)

DMxxxM10T-B78HSW

(xxx=649,655,660,666,671,677,682,688,156 cells)

DMxxxM10T-B78HST

(xxx=649,655,660,666,671,677,682,688,156 cells)

DMxxxM10T-B78HBW

(xxx=649,655,660,666,671,677,682,688,156 cells)

DMxxxM10T-B72HBB

(xxx=589,594,600,605,611,616,622,627,633,144 cells)

DMxxxM10T-B72HSW

(xxx=589,594,600,605,611,616,622,627,633,144 cells)

DMxxxM10T-B72HST

(xxx=589,594,600,605,611,616,622,627,633,144 cells)

DMxxxM10T-B72HBW

(xxx=589,594,600,605,611,616,622,627,633,144 cells)

DMxxxM10T-B66HBB

(xxx=550,556,561,567,572,578,132 cells)

DMxxxM10T-B66HSW

(xxx=550,556,561,567,572,578,132 cells)

DMxxxM10T-B66HST

(xxx=550,556,561,567,572,578,132 cells)

DMxxxM10T-B66HBW

(xxx=550,556,561,567,572,578,132 cells)

DMxxxM10T-B60HBB

(xxx=495,501,506,512,517,523,528,120 cells)

DMxxxM10T-B60HSW

(xxx=495,501,506,512,517,523,528,120 cells)

DMxxxM10T-B60HST

(xxx=495,501,506,512,517,523,528,120 cells)

DMxxxM10T-B60HBW

(xxx=495,501,506,512,517,523,528,120 cells)

DMxxxM10T- B54HBB

(xxx=446,451,457, 462, 468,473,108 cells)

DMxxxM10T- B54HSW

(xxx=446,451, 457, 462, 468,473,108 cells)

DMxxxM10T- B54HST

(xxx=446, 451, 457, 462, 468,473,108 cells)

DMxxxM10T-B54HBW

(xxx=446, 451, 457, 462, 468, 473,108 cells)



SOLARIF

RISK MANAGEMENT

AMMONIA CORROSION	
Certification body	TÜV SÜD
Certificate No	Z2 076043 0091 Rev. 09
Date of Issue	2022-12-01
Validity	2027-11-30
Tested according to	IEC 61215-1:2016 IEC 61215-1-1:2016 IEC 61215-2:2016 IEC 61730-1:2016 IEC 61730-2:2016 IEC 62716:2013
Certified modules	DMxxx-M156-72-V, (xxx=335-375, in steps of 5) DMxxx-M156-60-V, (xxx=280-310, in steps of 5) DMHxxxM6-144SW-V, (xxx=340-385, in steps of 5) DMHxxxM6-120SW-V, (xxx=280-320, in steps of 5) DMxxx-M156-72P-V, (xxx=335-375, in steps of 5) DMxxx-M156-60P-V, (xxx=280-310, in steps of 5) DMxxx-M156-36P-V, (xxx=175-190, in steps of 5) DMxxx-M159-72-V, (xxx=385-395, in steps of 5) DMxxx-M159-60-V, (xxx=315-330, in steps of 5) DMHxxxM6A-144SW-V, (xxx=380-405, in steps of 5) DMHxxxM6A-120SW-V, (xxx=320-350, in steps of 5) DMxxxM6-72HSW-V, (xxx=415-465, in steps of 5) DMxxxM6-60HSW-V, (xxx=345-385, in steps of 5) DMxxxM6-72HBW-V, (xxx=415-465, in steps of 5) DMxxxM6-60HBW-V, (xxx=345-385, in steps of 5) DMxxxM6-72HBB-V, (xxx=415-465, in steps of 5) DMxxxM6-60HBB-V, (xxx=345-385, in steps of 5) DMHxxxM6A-144BW-V, (xxx=380-405, in steps of 5) DMHxxxM6A-120BW-V, (xxx=320-350, in steps of 5) DMxxxG1-60SW-V, (xxx=315-330, in steps of 5) DMxxxG1-60BW-V, (xxx=315-330, in steps of 5) DMxxxG1-60HSW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HBW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HBB-V, (xxx=320-350, in steps of 5) DMxxxG1-72SW-V, (xxx=385-395, in steps of 5) DMxxxG1-72BW-V, (xxx=385-395, in steps of 5) DMxxxG1-72HSW-V, (xxx=380-405, in steps of 5) DMxxxG1-72HBW-V, (xxx=380-405, in steps of 5) DMxxxG1-72HBB-V, (xxx=380-405, in steps of 5) DMxxxM2-60SW-V, (xxx=280-310, in steps of 5) DMxxxM2-60BW-V, (xxx=280-310, in steps of 5) DMxxxM2-60HSW-V, (xxx=280-320, in steps of 5) DMxxxM2-60HBW-V, (xxx=280-320, in steps of 5)

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

DMxxxM2-72SW-V, (xxx=335-375, in steps of 5)
DMxxxM2-72BW-V, (xxx=335-375, in steps of 5)
DMxxxM2-72HSW-V, (xxx=340-385, in steps of 5)
DMxxxM2-72HBW-V, (xxx=340-385, in steps of 5)
DMxxxM10-72HSW-V, (xxx=535-555, in steps of 5)
DMxxxM10-72HBW-V, (xxx=535-555, in steps of 5)
DMxxxM10-72HBB-V, (xxx=535-555, in steps of 5)
DMxxxM10-60HSW-V, (xxx=435-460, in steps of 5)
DMxxxM10-60HBW-V, (xxx=435-460, in steps of 5)
DMxxxM10-60HBB-V, (xxx=435-460, in steps of 5)
DMxxxG12-66HSW-V, (xxx=650-660, in step of 5)
DMxxxG12-66HBW-V, (xxx=650-660, in step of 5)
DMxxxG12-66HBB-V, (xxx=650-660, in step of 5)
DMxxxG12-60HSW-V, (xxx=590-600, in step of 5)
DMxxxG12-60HBW-V, (xxx=590-600, in step of 5)
DMxxxG12-60HBB-V, (xxx=590-600, in step of 5)
DMxxxM10-54HSW-V, (xxx=380-415, in steps of 5)
DMxxxM10-54HBW-V, (xxx=380-415, in steps of 5)
DMxxxM10-54HBB-V, (xxx=380-415, in steps of 5)
DMxxxM6S-72HSW-V, (xxx=415-465, in steps of 5)
DMxxxM6S-72HBW-V, (xxx=415-465, in steps of 5)
DMxxxM6S-72HBB-V, (xxx=415-465, in steps of 5)
DMxxxM6S-60HSW-V, (xxx=345-385, in steps of 5)
DMxxxM6S-60HBW-V, (xxx=345-385, in steps of 5)
DMxxxM6S-60HBB-V, (xxx=345-385, in steps of 5)
DMxxxM6-54HSW-V, (xxx=315-340, in steps of 5)
DMxxxM6-54HBW-V, (xxx=315-340, in steps of 5)
DMxxxM6-54HBB-V, (xxx=315-340, in steps of 5)
DMxxxM10-66HSW-V, (xxx=480-505, in steps of 5)
DMxxxM10-66HBW-V, (xxx=480-505, in steps of 5)
DMxxxM10-66HBB-V, (xxx=480-505, in steps of 5)
DMxxxM10S-72HSW-V, (xxx=535-555, in steps of 5)
DMxxxM10S-72HBW-V, (xxx=535-555, in steps of 5)
DMxxxM10S-72HBB-V, (xxx=535-555, in steps of 5)
DMxxxM10S-60HSW-V, (xxx=435-460, in steps of 5)
DMxxxM10S-60HBW-V, (xxx=435-460, in steps of 5)
DMxxxM10S-60HBB-V, (xxx=435-460, in steps of 5)
DMxxxM10S-54HSW-V, (xxx=380-415, in steps of 5)
DMxxxM10S-54HBW-V, (xxx=380-415, in steps of 5)
DMxxxM10S-54HBB-V, (xxx=380-415, in steps of 5)
DMxxxM10S-66HSW-V, (xxx=480-505, in steps of 5)
DMxxxM10S-66HBW-V, (xxx=480-505, in steps of 5)
DMxxxM10S-66HBB-V, (xxx=480-505, in steps of 5)
DMxxxM10-78HSW-V, (xxx=570-600, in step of 5)
DMxxxM10-78HBW-V, (xxx=570-600, in step of 5)
DMxxxM10-78HBB-V, (xxx=570-600, in step of 5)

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

DUST AND SAND	
Certification body	TÜV SÜD
Certificate No	Z2 076043 0098 Rev. 04
Date of Issue	2022-12-01
Validity	2027-11-30
Tested according to	IEC 61215-1:2016 IEC 61215-1-1:2016 IEC 61215-2:2016 IEC 61730-1:2016 IEC 61730-2:2016 PPP 59022B:2021
Certified modules	DMHxxxM6A-144SW-V, (xxx=380-405 in steps of 5) DMHxxxM6A-144BW-V, (xxx=380-405, in steps of 5) DMxxxG1-72HSW-V, (xxx=380-405, in steps of 5) DMxxxG1-72HBW-V, (xxx=380-405, in steps of 5) DMxxxG1-72HBB-V, (xxx=380-405, in steps of 5) DMHxxxM6A-120SW-V, (xxx=320-350, in steps of 5) DMHxxxM6A-120BW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HSW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HBW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HBB-V, (xxx=320-350, in steps of 5) DMxxxM6-72HSW-V, (xxx=415-465, in steps of 5) DMxxxM6-72HBW-V, (xxx=415-465, in steps of 5) DMxxxM6-72HBB-V, (xxx=415-465, in steps of 5) DMxxxM6S-72HSW-V, (xxx=415-465, in steps of 5) DMxxxM6S-72HBW-V, (xxx=415-465, in steps of 5) DMxxxM6S-72HBB-V, (xxx=415-465, in steps of 5) DMxxxM6-60HSW-V, (xxx=345-385, in steps of 5) DMxxxM6-60HBW-V, (xxx=345-385, in steps of 5) DMxxxM6-60HBB-V, (xxx=345-385, in steps of 5) DMxxxM6S-60HSW-V, (xxx=345-385, in steps of 5) DMxxxM6S-60HBW-V, (xxx=345-385, in steps of 5) DMxxxM6S-60HBB-V, (xxx=345-385, in steps of 5) DMxxxM10-72HSW-V, (xxx=535-555, in steps of 5) DMxxxM10-72HBW-V, (xxx=535-555, in steps of 5) DMxxxM10-72HBB-V, (xxx=535-555, in steps of 5) DMxxxM10-60HSW-V, (xxx=435-460, in steps of 5) DMxxxM10-60HBW-V, (xxx=435-460, in steps of 5) DMxxxM10-60HBB-V, (xxx=435-460, in steps of 5) DMxxxM10-54HSW-V, (xxx=380-415, in steps of 5) DMxxxM10-54HBW-V, (xxx=380-415, in steps of 5) DMxxxM10-54HBB-V, (xxx=380-415, in steps of 5) DMxxxM10S-72HSW-V, (xxx=535-555, in steps of 5) DMxxxM10S-72HBW-V, (xxx=535-555, in steps of 5)

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

	<p>DMxxxM10S-72HBB-V, (xxx=535-555, in steps of 5) DMxxxM10S-60HSW-V, (xxx=435-460, in steps of 5) DMxxxM10S-60HBW-V, (xxx=435-460, in steps of 5) DMxxxM10S-60HBB-V, (xxx=435-460, in steps of 5) DMxxxM10S-54HSW-V, (xxx=380-415, in steps of 5) DMxxxM10S-54HBW-V, (xxx=380-415, in steps of 5) DMxxxM10S-54HBB-V, (xxx=380-415, in steps of 5) DMxxxM6-54HSW-V, (xxx=315-340, in steps of 5) DMxxxM6-54HBW-V, (xxx=315-340, in steps of 5) DMxxxM6-54HBB-V, (xxx=315-340, in steps of 5) DMxxxM10-66HSW-V, (xxx=480-505, in steps of 5) DMxxxM10-66HBW-V, (xxx=480-505, in steps of 5) DMxxxM10-66HBB-V, (xxx=480-505, in steps of 5) DMxxxM10S-66HSW-V, (xxx=480-505, in steps of 5) DMxxxM10S-66HBW-V, (xxx=480-505, in steps of 5) DMxxxM10S-66HBB-V, (xxx=480-505, in steps of 5) DMxxxM10-78HSW-V, (xxx=570-600, in step of 5) DMxxxM10-78HBW-V, (xxx=570-600, in step of 5) DMxxxM10-78HBB-V, (xxx=570-600, in step of 5) xxx is standing for the rated output power at STC.</p>
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SALT MIST CORROSION	
Certification body	TÜV SÜD
Certificate No	Z2 076043 0092 Rev. 09
Date of Issue	2022-12-01
Validity	2027-11-29
Tested according to	IEC 61215-1:2016 IEC 61215-1-1:2016 IEC 61215-2:2016 IEC 61730-1:2016 IEC 61730-2:2016 IEC 61701:2020

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

Certified modules	
	DMxxx-M156-72-V, (xxx=335-375, in steps of 5) DMxxx-M156-60-V, (xxx=280-310, in steps of 5) DMHxxxM6-144SW-V, (xxx=340-385, in steps of 5) DMHxxxM6-120SW-V, (xxx=280-320, in steps of 5) DMxxx-M156-72P-V, (xxx=335-375, in steps of 5) DMxxx-M156-60P-V, (xxx=280-310, in steps of 5) DMxxx-M156-36P-V, (xxx=175-190, in steps of 5) DMxxx-M159-72-V, (xxx=385-395, in steps of 5) DMxxx-M159-60-V, (xxx=315-330, in steps of 5) DMHxxxM6A-144SW-V, (xxx=380-405, in steps of 5) DMHxxxM6A-120SW-V, (xxx=320-350, in steps of 5) DMxxxM6-72HSW-V, (xxx=415-465, in steps of 5) DMxxxM6-60HSW-V, (xxx=345-385, in steps of 5) DMxxxM6-72HBW-V, (xxx=415-465, in steps of 5) DMxxxM6-60HBW-V, (xxx=345-385, in steps of 5) DMxxxM6-72HBB-V, (xxx=415-465, in steps of 5) DMxxxM6-60HBB-V, (xxx=345-385, in steps of 5) DMHxxxM6A-144BW-V, (xxx=380-405, in steps of 5) DMHxxxM6A-120BW-V, (xxx=320-350, in steps of 5) DMxxxG1-60SW-V, (xxx=315-330, in steps of 5) DMxxxG1-60BW-V, (xxx=315-330, in steps of 5) DMxxxG1-60HSW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HBW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HBB-V, (xxx=320-350, in steps of 5) DMxxxG1-72SW-V, (xxx=385-395, in steps of 5) DMxxxG1-72BW-V, (xxx=385-395, in steps of 5) DMxxxG1-72HSW-V, (xxx=380-405, in steps of 5) DMxxxG1-72HBW-V, (xxx=380-405, in steps of 5) DMxxxG1-72HBB-V, (xxx=380-405, in steps of 5) DMxxxM2-60SW-V, (xxx=280-310, in steps of 5) DMxxxM2-60BW-V, (xxx=280-310, in steps of 5) DMxxxM2-60HSW-V, (xxx=280-320, in steps of 5) DMxxxM2-60HBW-V, (xxx=280-320, in steps of 5) DMxxxM2-72SW-V, (xxx=335-375, in steps of 5) DMxxxM2-72BW-V, (xxx=335-375, in steps of 5) DMxxxM2-72HSW-V, (xxx=340-385, in steps of 5) DMxxxM2-72HBW-V, (xxx=340-385, in steps of 5) DMxxxM10-72HSW-V, (xxx=535-555, in steps of 5) DMxxxM10-72HBW-V, (xxx=535-555, in steps of 5) DMxxxM10-72HBB-V, (xxx=535-555, in steps of 5) DMxxxM10-60HSW-V, (xxx=435-460, in steps of 5) DMxxxM10-60HBW-V, (xxx=435-460, in steps of 5) DMxxxM10-60HBB-V, (xxx=435-460, in steps of 5) DMxxxG12-66HSW-V, (xxx=650-660, in step of 5) DMxxxG12-66HBW-V, (xxx=650-660, in step of 5) DMxxxG12-66HBB-V, (xxx=650-660, in step of 5)

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

	<p>DMxxxG12-60HSW-V, (xxx=590-600, in step of 5) DMxxxG12-60HBW-V, (xxx=590-600, in step of 5) DMxxxG12-60HBB-V, (xxx=590-600, in step of 5) DMxxxM10-54HSW-V, (xxx=380-415, in steps of 5) DMxxxM10-54HBW-V, (xxx=380-415, in steps of 5) DMxxxM10-54HBB-V, (xxx=380-415, in steps of 5) DMxxxM6S-72HSW-V, (xxx=415-465, in steps of 5) DMxxxM6S-72HBW-V, (xxx=415-465, in steps of 5) DMxxxM6S-72HBB-V, (xxx=415-465, in steps of 5) DMxxxM6S-60HSW-V, (xxx=345-385, in steps of 5) DMxxxM6S-60HBW-V, (xxx=345-385, in steps of 5) DMxxxM6S-60HBB-V, (xxx=345-385, in steps of 5) DMxxxM6-54HSW-V, (xxx=315-340, in steps of 5) DMxxxM6-54HBW-V, (xxx=315-340, in steps of 5) DMxxxM6-54HBB-V, (xxx=315-340, in steps of 5) DMxxxM10-66HSW-V, (xxx=480-505, in steps of 5) DMxxxM10-66HBW-V, (xxx=480-505, in steps of 5) DMxxxM10-66HBB-V, (xxx=480-505, in steps of 5) DMxxxM10S-72HSW-V, (xxx=535-555, in steps of 5) DMxxxM10S-72HBW-V, (xxx=535-555, in steps of 5) DMxxxM10S-72HBB-V, (xxx=535-555, in steps of 5) DMxxxM10S-60HSW-V, (xxx=435-460, in steps of 5) DMxxxM10S-60HBW-V, (xxx=435-460, in steps of 5) DMxxxM10S-60HBB-V, (xxx=435-460, in steps of 5) DMxxxM10S-54HSW-V, (xxx=380-415, in steps of 5) DMxxxM10S-54HBW-V, (xxx=380-415, in steps of 5) DMxxxM10S-54HBB-V, (xxx=380-415, in steps of 5) DMxxxM10S-66HSW-V, (xxx=480-505, in steps of 5) DMxxxM10S-66HBW-V, (xxx=480-505, in steps of 5) DMxxxM10S-66HBB-V, (xxx=480-505, in steps of 5) DMxxxM10-78HSW-V, (xxx=570-600, in step of 5) DMxxxM10-78HBW-V, (xxx=570-600, in step of 5) DMxxxM10-78HBB-V, (xxx=570-600, in step of 5) xxx is standing for the rated output power at STC.</p>
--	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

PID Test Certification	
Certification body	TÜV SÜD
Certificate No	Z2 076043 0090 Rev. 08
Date of Issue	2022-12-12
Validity	2027-12-08

Certificate number: **SOLARIF20230802**



SOLARIF

RISK MANAGEMENT

Tested according to	IEC 61215-1:2016 IEC 61215-1-1:2016 IEC 61215-2:2016 IEC 61730-1:2016 IEC 61730-2:2016 IEC 61701:2020
Certified modules	DMHxxxM6A-144SW-V, (xxx=380-405 in steps of 5) DMHxxxM6A-144BW-V, (xxx=380-405, in steps of 5) DMxxxG1-72HSW-V, (xxx=380-405, in steps of 5) DMxxxG1-72HBW-V, (xxx=380-405, in steps of 5) DMxxxG1-72HBB-V, (xxx=380-405, in steps of 5) DMHxxxM6A-120SW-V, (xxx=320-350, in steps of 5) DMHxxxM6A-120BW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HSW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HBW-V, (xxx=320-350, in steps of 5) DMxxxG1-60HBB-V, (xxx=320-350, in steps of 5) DMxxxM6-72HSW-V, (xxx=415-465, in steps of 5) DMxxxM6-72HBW-V, (xxx=415-465, in steps of 5) DMxxxM6-72HBB-V, (xxx=415-465, in steps of 5) DMxxxM6-60HSW-V, (xxx=345-380, in steps of 5) DMXXXM6-60HBW-V, (xxx=345-380, in steps of 5) DMXXXM6-60HBB-V, (xxx=345-380, in steps of 5) DMxxxM10-72HSW-V, (xxx=535-555, in steps of 5) DMxxxM10-72HBW-V, (xxx=535-555, in steps of 5) DMxxxM10-72HBB-V, (xxx=535-555, in steps of 5) DMxxxM10-60HSW-V, (xxx=435-460, in steps of 5) DMxxxM10-60HBW-V, (xxx=435-460, in steps of 5) DMxxxM10-60HBB-V, (xxx=435-460, in steps of 5) DMxxxM10-54HSW-V, (xxx=380-415, in steps of 5) DMxxxM10-54HBW-V, (xxx=380-415, in steps of 5) DMxxxM10-54HBB-V, (xxx=380-415, in steps of 5) DMxxxM10-66HSW-V, (xxx=480-505, in steps of 5) DMxxxM10-66HBW-V, (xxx=480-505, in steps of 5) DMxxxM10-66HBB-V, (xxx=480-505, in steps of 5) DMxxxG12-66HSW-V, (xxx=650-660, in steps of 5) DMxxxG12-66HBW-V, (xxx=650-660, in steps of 5) DMxxxG12-66HBB-V, (xxx=650-660, in steps of 5) DMxxxG12-60HSW-V, (xxx=590-600, in steps of 5) DMxxxG12-60HBW-V, (xxx=590-600, in steps of 5) DMxxxG12-60HBB-V, (xxx=590-600, in steps of 5) DMxxxM10-78HSW-V, (xxx=570-600, in step of 5) DMxxxM10-78HBW-V, (xxx=570-600, in step of 5) DMxxxM10-78HBB-V, (xxx=570-600, in step of 5) xxx is standing for the rated output power at STC.

Certificate number: **SOLARIF20230802**