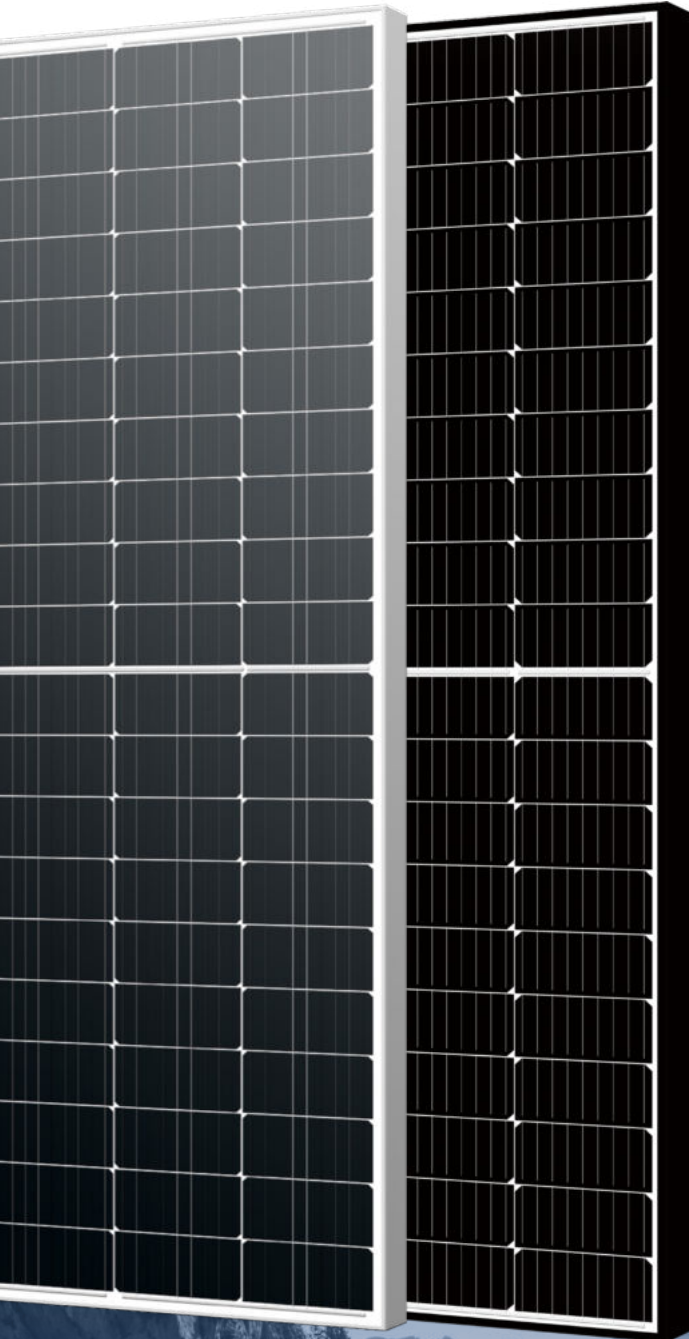


TRIMAX solar



PHOTOVOLTAIC MODULE TMX 380 MH7-120A

optional frame colors **SILVER** or **BLACK**

360 - 380 Wp

120 HALF-CUT PERC

TRIMAX Solar HALF-CUT PERC modules are extremely efficient and guarantee maximum reliability for high and long-term yields.

HIGHLY EFFICIENT DESIGN

TRIMAX Solar HALF-CUT PERC modules are designed to maximize module efficiency. The low-loss, original Stäubli MC4-Evo2 connectors ensure maximum performance.

COMPREHENSIVELY TESTED AND CERTIFIED

TRIMAX Solar produces high-quality and reliable photovoltaic modules according to international standards (ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 2018 : 2018). TRIMAX Solar HALF-CUT PERC modules are certified to IEC 61730 and IEC 61215 and have also undergone salt spray and ammonia corrosion testing. The 100% PID-free solar cells reliably provide stable yields throughout the warranty period and beyond.

**25 YEARS
85% linear
performance
guarantee**

**15 YEARS
product
guarantee**

**0 - 5 WP
positive
tolerance**



TRIMAX Solar GmbH
Leitzstrasse 45
D-70469 Stuttgart

+49 711 490 66 278
info@trimax-solar.com
www.trimax-solar.com

TMX 380 MH7-120A

ELECTRICAL DATA AT STC

| | TMX 360 MH7-120A | TMX 365 MH7-120A | TMX 370 MH7-120A | TMX 375 MH7-120A | TMX 380 MH7-120A |
|---------------------------------|------------------|------------------|------------------|------------------|------------------|
| Rated power Pmax (Wp) | 360 | 365 | 370 | 375 | 380 |
| Rated volage Pmax – Vmp (V) | 33,96 | 34,14 | 34,35 | 34,53 | 34,80 |
| Rated current Pmax – Imp (A) | 10,60 | 10,69 | 10,77 | 10,86 | 10,92 |
| Open circuit voltage – Voc (V) | 40,62 | 40,83 | 41,08 | 41,28 | 41,59 |
| Short circuit current – Isc (A) | 11,53 | 11,62 | 11,70 | 11,79 | 11,85 |
| Module efficiency (%) | 19,8 | 20,0 | 20,3 | 20,6 | 20,9 |
| Sorting (plus tolerance) | 0 ~ +5 Wp | | | | |

STC (Standard Test Conditions) : Irradiance 1000 W/m², Air Mass = 1.5, Cell Temperature 25°C, Measurement Tolerance Pmax ± 3%, Voc ± 2%, Isc ± 2%

ELECTRICAL DATA AT NOCT

| | | | | | |
|---------------------------------|--------|--------|--------|--------|--------|
| Power at Pmax (Wp) | 276,56 | 280,41 | 284,25 | 288,09 | 291,93 |
| Voltage at Pmax – Vmp (V) | 30,96 | 31,12 | 31,31 | 31,47 | 31,72 |
| Current at Pmax – Imp (A) | 8,93 | 9,01 | 9,08 | 9,15 | 9,20 |
| Open voltage current – Voc (V) | 37,50 | 37,70 | 37,93 | 38,11 | 38,40 |
| Short circuit current – Isc (A) | 9,80 | 9,88 | 9,95 | 10,02 | 10,07 |

NOCT (normal operating cell temperature) : Irradiation 800W/m², Air Mass = 1.5, Wind Speed 1m/s, Ambient Temperature 20°C

SPECIFICATIONS

| | |
|-------------------|--|
| Cells | 166 mm HALF-CUT PERC |
| Number of cells | 120 (6x20) |
| Dimensions | 1755 x 1038 x 30 mm |
| Weight | 18,5 kg |
| Glass | 3,2 mm, AR tempered glass |
| Frame | aluminum, silver or black |
| Junction-box | IP68, 3 Bypass diodes |
| Cable | UV-resistant 4,0 mm ² 1200 mm |
| Connerctor | Stäubli MC4-Evo2 |
| Application class | A |

TEMPERATURE COEFFICIENT

| | |
|------------------------------|-------------|
| Temperature coefficient Pmax | -0,354 %/°C |
| Temperature coefficient Voc | -0,266 %/°C |
| Temperature coeffizient Isc | +0,046 %/°C |
| NMOT | 45 ±2°C |

LIMITING VALUES

| | |
|----------------------------|-----------------------|
| Operating temperature (°C) | -40 ~ +85 |
| Maximum system voltage (V) | 1500 |
| Max Series Fuse Rating (A) | 20 |
| Safety class | class II |
| Maximum load capacity (Pa) | snow 5400 / wind 2400 |

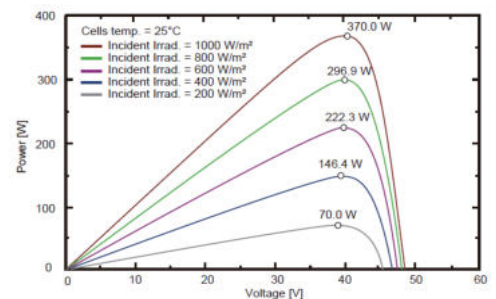
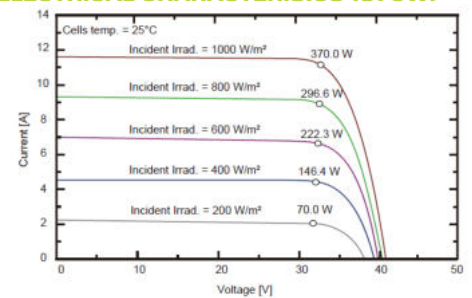
PACKAGING

| | |
|-----------------------|--------|
| Container | 40' HC |
| Modules per pallet | 36 |
| Modules per Container | 936 |

Technical data are average values and may vary slightly. The associated data of the individual measurement are decisive. Possible light-induced degradation of the power after commissioning is not taken into account. Technical data is subject to change without notice. The current data sheets are available online at www.trimax-solar.com. All specifications in this data sheet comply with DIN EN 50380. Further information can be found in the installation manual.

WEEE Reg-No.: DE65803239 | © TRIMAX Solar 08/22 Version 2.3

ELECTRICAL CHARACTERISTICS (370W)



TECHNICAL DRAWING

