



PHOTOVOLTAIC MODULE **TMX 375 MH7–120B**

360 - 375 Wp

120 HALF-CUT MONOCRYSTALLINE

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

HIGH EFFICIENCY DESIGN

TRIMAX Solar HALF-CUT modules are designed to maximize module efficiency. For flexible mounting, the module has 120cm long cables. In addition, the low-loss, original Stäubli MC4 connectors ensure maximum performance.

COMPREHENSIVELY TESTED AND CERTIFIED

TRIMAX Solar produces high-quality and reliable photovoltaic modules according to international standards (ISO 9001, ISO 14001, ISO 45001). TRIMAX Solar HALF-CUT 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.

15 YEARS
product
guarantee

12 YEARS
90%
performance
guarantee

25 YEARS
80%
performance
guarantee



TMX 375 MH7–120B

ELECTRICAL DATA AT STC

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

STC (Standard Test Conditions) : irradiance 1000 W/m², AM = 1,5, cell temperature 25°C, measurement tolerance Pmax ± 3%, Voc ± 2%, Isc ± 2%

ELECTRICAL DATA AT NOCT

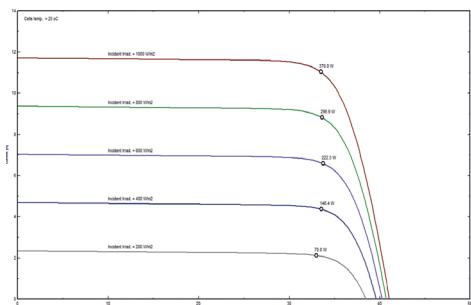
Power at Pmax (Wp)	276,56	280,41	284,25	288,09
Voltage at Pmax – Vmp (V)	30,96	31,12	31,31	31,47
Current at Pmax – Imp (A)	8,93	9,01	9,08	9,15
Open voltage current – Voc (V)	37,50	37,70	37,93	38,11
Short circuit current – Isc (A)	9,80	9,88	9,95	10,02

NOCT (normal operating cell temperature) : irradiance 800W/m², Air Mass = 1,5, wind speed 1m/s, ambient temperature 20°C, cell operating temperature 45 ±2°C

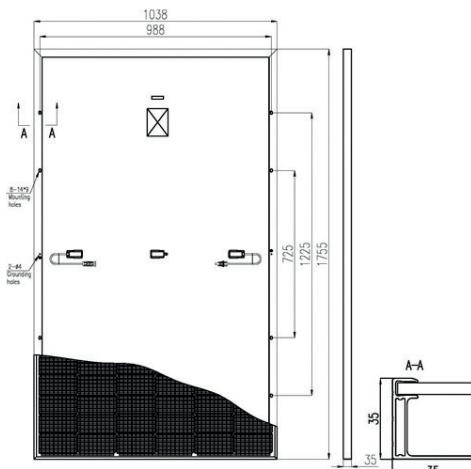
LIMITING VALUES

Operating temperature (°C)	-40 ~ +85
Maximum system voltage (V)	1500
Maximum return current (A)	20
Safty class	class II
Maximum load capacity (Pa)	snow 5400 / wind 2400

ELECTRICAL CHARACTERISTICS (370W)



TECHNICAL DRAWING



TEMPERATURE COEFFICIENT

Temperature coefficient Pmax	-0,354 %/°C
Temperature coefficient Voc	-0,266 %/°C
Temperature coefficient Isc	+0,046 %/°C

SPECIFICATIONS

Cells	monocrystalline silicon
Number of cells	120 (6x20)
Dimensions	1755 x 1038 x 35 mm
Weight	18,5 kg
Glass	3,2 mm, high transmission, AR tempered glass
Frame	aluminum, black
Junction-box	IP68, 3 bypass diodes
Cable	solar cable 4,0 mm ² UV-resistant, 1200 mm
Connector	Stäubli MC4
Application class	A

PACKAGING

Container	20' GP	40' HC
Modules per pallette	48	31
Modules per Container	288	806

The specifications and average values can vary slightly. Relevant is the corresponding data of the individual measurement. Specifications are subject to change without notice. All information given in this data sheet corresponds to DIN EN 50380. A potential light-induced degradation of the power after commissioning is not considered here. Further information in the installation manuals.