



MST MD6-60

Solar Panel

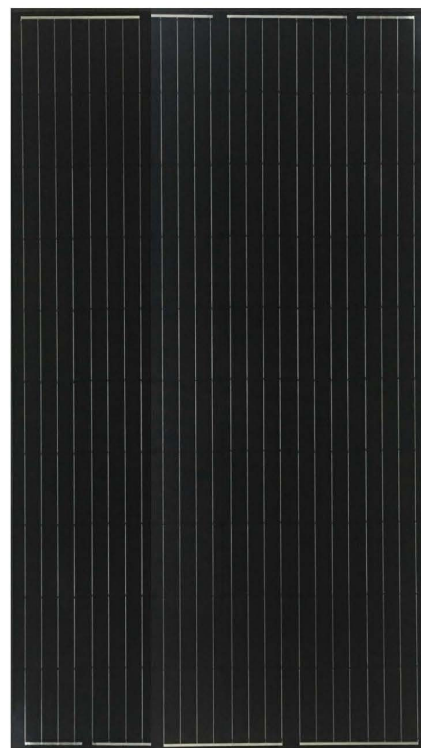
Key Features

München SolarTec is an excellent photovoltaic panel for quality, reliability and performance that results from extensive collaboration with R&D centers and more than 12 years of experience in the design and construction of photovoltaic cells and panels.

München SolarTec are manufactured in a fully vertically integrated production line from the panel to the wafer: the total quality control that allows to achieve excellence.

Dimensions and Weight

- Dimensions (mm) 1640 x 992 x 40 / Tolerance +/-1;
- 6" Mono - crystalline cell, 60 cells class A only, 4BB
- Weight 18.6 kg
- Front Glass 3.2mm Low Iron, Static Loads: 8000Pa front, 2400Pa back
- Frame Anodized Aluminum Alloy
- Output Cable 2 x 4.0 mm² 1000mm, MC IV Compatible Connectors




Specifications @STC (*)

Please contact info@muenchensolartec.com for all classes available:

Module: MST MD6-60	285 W/p	290 W/p	295 W/p	300 W/p	305 W/p	310W/p
Peak power W/p (*)	255	290	295	300	305	310
Module Efficiency %	17.24	17.55	17.85	18.15	18.45	18.75
Max. Power Voltage Vmp [V]	31.86	31.99	32.14	32.28	32.42	32.56
Max. Power Current Imp [A]	8.98	9.07	9.18	9.29	9.39	9.50
Open Circuit Voltage Voc [V]	38.02	38.12	38.18	38.23	38.28	38.33
Short Circuit Current Isc [A]	9.43	9.55	9.63	9.69	9.76	9.82

(*) Data at STC according to EN 60904-3, Average efficiency reduction of 5% @200W/ m² according to EN 60904-1. Data subject to change without notice.

(*) Positive sorting only: +0/+5Wp



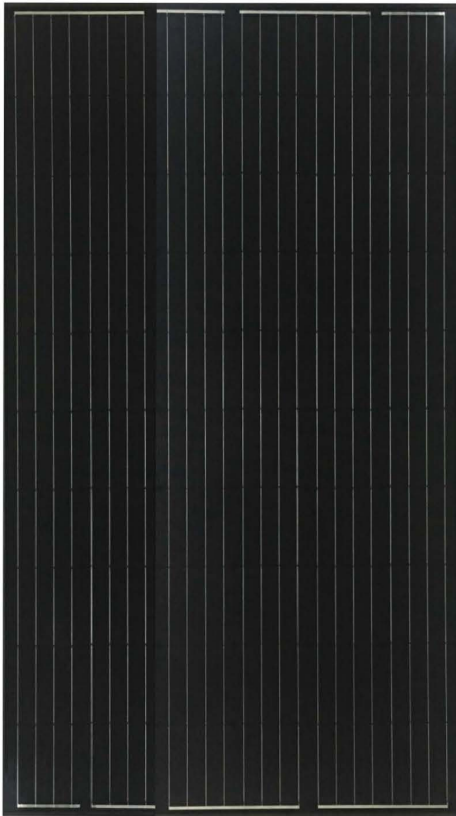
- Operating temperature [C°] -40°C + 85°C
- Max. Syst. Voltage [V] 1000V DC Max.
- Series Fuses Rating 15A
- Positive Power Classes sorting: -0/+5Wp
- Prod. NOCT 45 +/-2 °C Junction Box: MC4 comp. / IP67
- Temperature Coefficient of Pmax -0.405 %/°C

- Temperature Coefficient of Voc -114 mV/°C
 - Temperature Coefficient of Isc +4.10 mA/°C
 - STC Irradiance 1000W/m², Cell Temp. 25°C, AM: 1.5
 - Power Warranty: Linear 12 years >= 91.2%; 25 years >= 80.7%
 - Data subject to change without notice
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Key features:

- MST MD6-60 is a premium quality performance panel designed to optimize the conversion of light into electricity and to have the during time.
- MST MD6-60: can be installed vertical or horizontal and in any kind of environment.
- MST MD6-60 cell is specifically designed and tested for 4 bus bars cells. Module is available also Black Backsheet as part number MDB6-60, with same technical features of MD6-60
- Power warranty is also given to the average life of the product, on 10 and 25th year to ensure a behavior in performance as linear as possible.



Warranty & Certifications

- Module Name: MST MD6-60-xxx
- Model Type xxx = Power Class (240Wp to 310Wp, in step of 5)
- 25 years production performance warranty $\geq 80.7\%$
- 12 years prod. performance warranty $\geq 91.2\%$
- 12 years of warranty on materials and workmanship



Certifications:

- IEC 61730-2
- IEC 61215
- UNI 9177 Class 1 - Reaction to Fire
- Production Monitored by TÜV SÜD



UNI 8457 - UNI 9174: Class 1

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