

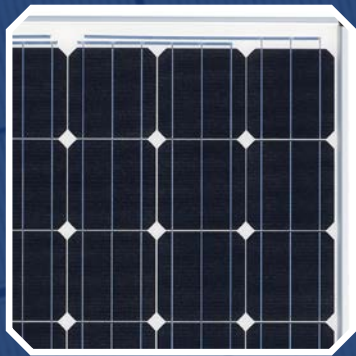


Made in Germany

EN

# US250M96-2BB

## Monocrystalline PV Module



Revision 01-2015



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## STC\*

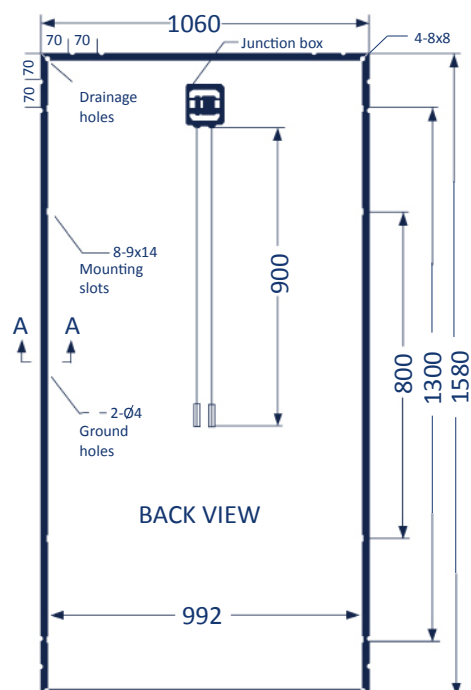
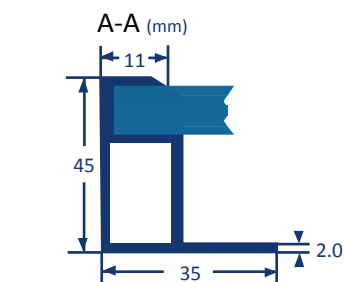
Type	US250M96-2BB	US255M96-2BB	US260M96-2BB
P <sub>max</sub> [W]	250	255	260
V <sub>mpp</sub> [V]	48.00	48.50	49.00
I <sub>mpp</sub> [A]	5.21	5.26	5.31
V <sub>oc</sub> [V]	60.10	60.50	61.10
I <sub>sc</sub> [A]	5.61	5.66	5.72
Max. System Voltage	1000V DC	1000V DC	1000V DC

\* STC – Standard Test Conditions, measurement conditions: intensity irradiation 1000 W/m<sup>2</sup>, spectral distribution AM 1.5, temperature 25 ± 2°C, according to standard EN 60904-3

\*\* Power Measuring tolerances ± 3%

## Mechanical characteristics

Solar Cells	96 crystalline solar cells, 125 x 125 mm
Glass	Solar glass with anti-reflection surface treatment, 3.2 mm
IP protection level	IP65/IP67
Bypass-Diodes	3 pcs.
Cables and connector	Junction box with MC4 (pluggable) connectors, cable: 2 x 900 mm / 4 mm <sup>2</sup>
Dimensions (LxWxH)	1580 x 1060 / 1066 x 45 mm
Weight	20.5 kg
Mechanical ratings	Suction pressure of 2400 Pa approved (Wind speed 130 km/h with safety factor 3), load of 5400 Pa approved



## Temperature Coefficients

Type	US250M96-2BB Mono
NOCT	47 ± 2 °C
P <sub>max</sub>	- 0.43%/K
V <sub>oc</sub>	- 0.32%/K
I <sub>sc</sub>	0.04%/K
Operating Temperature Range	- 40 °C bis + 85 °C

## Packaging

Container	20" GP	40" HC
Pallets	14	28
Number per pallet	24	24
Amount	328	672

Unimen Solar reserves the right to change specifications without notice.



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