

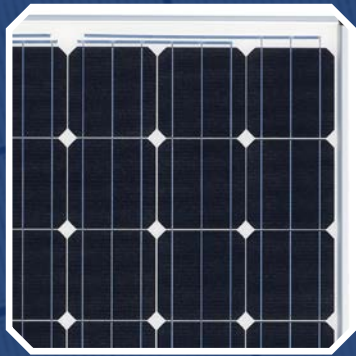


Made in Germany

EN

US300M72-3BB

Monocrystalline PV Module



Revision 01-2015



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US300M72-3BB

STC*

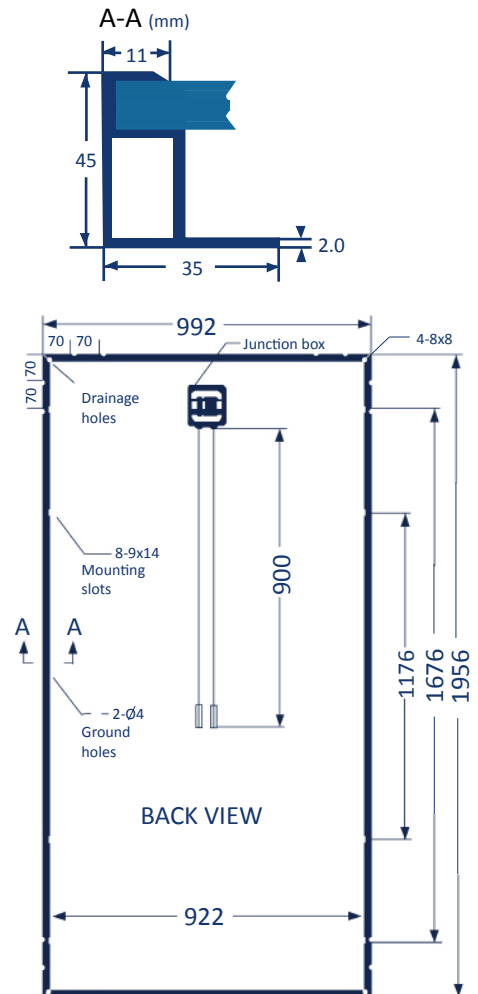
Type	US290M72-3BB	US295M72-3BB	US300M72-3BB
P _{max} [W]	290	295	300
V _{mpp} [V]	37.20	37.50	37.60
I _{mpp} [A]	7.79	7.87	8.00
V _{oc} [V]	44.90	45.10	45.40
I _{sc} [A]	8.28	8.34	8.38
Max. System Voltage	1000V DC	1000V DC	1000V DC

* STC – Standard Test Conditions, measurement conditions: intensity irradiation 1000 W/m², spectral distribution AM 1.5, temperature 25 ± 2°C, according to standard EN 60904-3

** Power Measuring tolerances ± 3%

Mechanical characteristics

Solar Cells	72 crystalline solar cells, 156 x 156 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 ²
Dimensions (LxWxH)	1956 x 992 x 45 mm
Weight	22.3 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	US300M72-3BB Mono
NOCT	47 ± 2 °C
P _{max}	- 0.43%/K
V _{oc}	- 0.30%/K
I _{sc}	0.04%/K
Operating Temperature Range	- 40 °C bis + 85 °C

Packaging

Container	20" GP	40" HC
Pallets	12	24
Number per pallet	24	24
Amount	268	556

Unimen Solar reserves the right to change specifications without notice.



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