

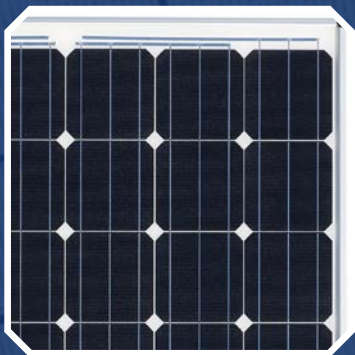


Made in Germany

EN

US250M60-3BB

Monocrystalline PV Module



Revision 01-2015



Made in Germany

US250M60-3BB

STC*

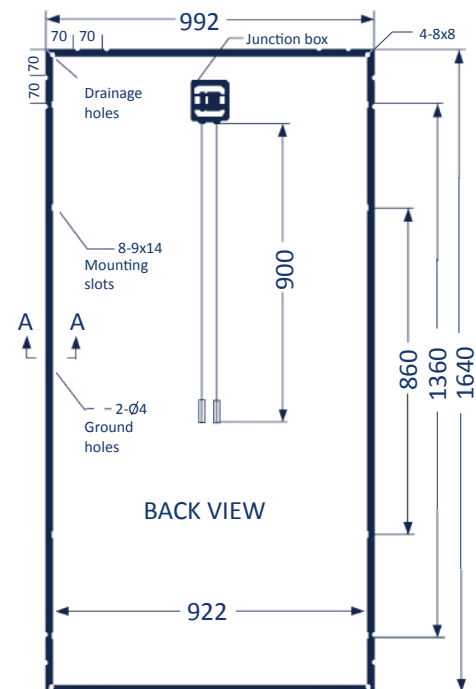
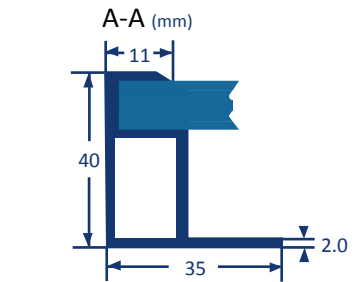
Type	US245M60-3BB	US250M60-3BB	US255M60-3BB
P _{max} [W]	245	250	255
V _{mpp} [V]	30.60	30.70	30.80
I _{mpp} [A]	8.01	8.15	8.28
V _{oc} [V]	37.30	37.40	37.60
I _{sc} [A]	8.71	8.76	8.82
Max. System Voltage	1000V DC	1000V DC	1000V DC

* 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	60 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 ²
Dimensions (LxWxH)	1640 x 992 x 40 mm
Weight	19.3 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	US250M60-3BB Mono
NOCT	47 ± 2 °C
P _{max}	- 0.46%/K
V _{oc}	- 0.34%/K
I _{sc}	0.05%/K
Operating Temperature Range	- 40 °C bis + 85 °C

Packaging

Container	20" GP	40" HC
Pallets	14	28
Number per pallet	26 x 12 + 16 x 2	27
Amount	344	756

Unimen Solar reserves the right to change specifications without notice.



Revision 01-2015

Unimen Solar Co., Ltd
Rahmannstraße 11
65760 Eschborn
Germany

Tel.: +49(0)6196 769 1872
Fax: +49(0)6196 777 3897
info@unimen-solar.de
www.unimen-solar.de

