



Made in Germany

EN

US 250PB-20

Polycrystalline PV Module
Black frame



Revision 01-2015



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US 250PB-20 *Black frame*

STC*

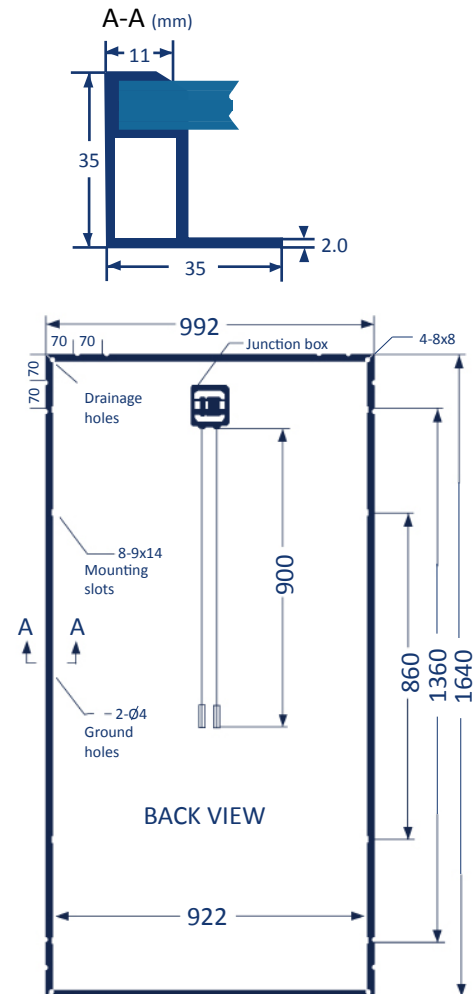
Type	US 240PB-20	US 245PB-20	US 250PB-20
P _{max} [W]	240	245	250
V _{mpp} [V]	30.20	30.40	30.40
I _{mpp} [A]	7.94	8.05	8.19
V _{oc} [V]	37.20	37.30	37.50
I _{sc} [A]	8.55	8.63	8.63
Max. System Voltage	1000V DC	1000V DC	1000V DC

* 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, 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)	1640 x 992 x 35 mm
Weight	18.5 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	US 250PB-20 Black frame
NOCT	47 ± 2 °C
P _{max}	- 0.43%/K
V _{oc}	- 0.41%/K
I _{sc}	0.08%/K
Operating Temperature Range	- 40 °C bis + 85 °C

Packaging

Container	20" GP	40" HC
Pallets	14	28
Number per pallet	26	30
Amount	364	840

Unimen Solar reserves the right to change specifications without notice.



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