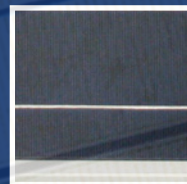
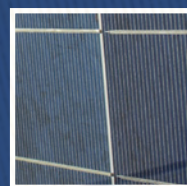


# US 250P-20

Polycrystalline PV Module



# US 250P-20

## STC\*

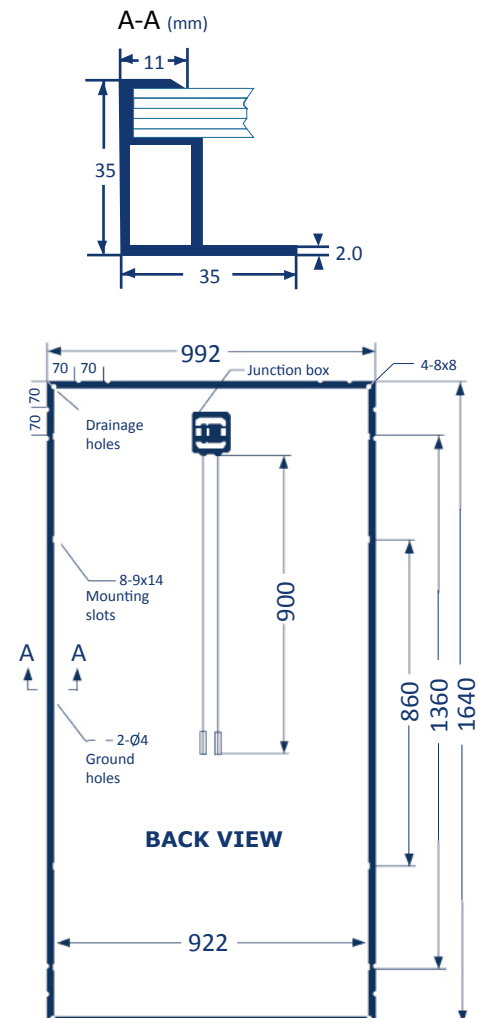
Type	US240P-20	US245P-20	US250P-20
P <sub>max</sub> [W]	240	245	250
V <sub>mpp</sub> [V]	30,20	30,40	30,40
I <sub>mpp</sub> [A]	7,94	8,05	8,19
V <sub>oc</sub> [V]	37,20	37,30	37,50
I <sub>sc</sub> [A]	8,55	8,63	8,63
Max. System Voltage	1000V DC	1000V DC	1000V DC

\* STC – Standard Test Conditions, measurement conditions: intensity irradiation 1000 W/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	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 <sup>2</sup>
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	US250P-20 Poly
NOCT	47 ± 2 °C
P <sub>max</sub>	- 0.43%/K
V <sub>oc</sub>	- 0.41%/K
I <sub>sc</sub>	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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