

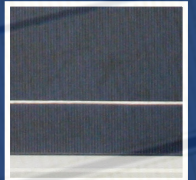


Made in Germany

EN

US 250 FP

Polycrystalline PV Module



Revision 01-2014



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US 250 FP

STC*

| Type | US 240 FP | US 245 FP | US 250 FP |
|----------------------|-----------|-----------|-----------|
| 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%

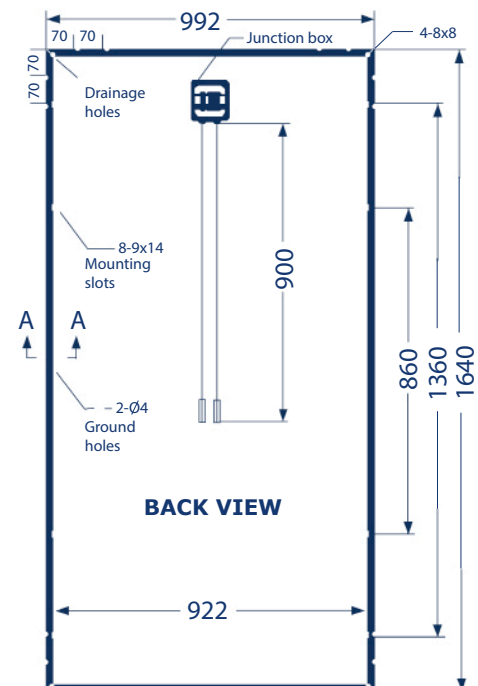
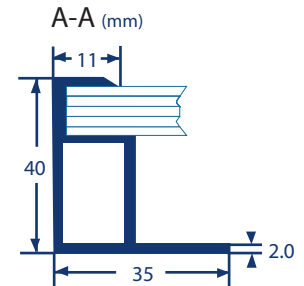
Mechanical characteristics

| | |
|----------------------|---|
| 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 40 mm |
| Weight | 19 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 250 FP Poly |
| 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 |

Unimen Solar reserves the right to change specifications without notice.



Packaging

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

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