



TECHNICAL DATA - TYPE: 12

| PHOTOVOLTAIC GLASS | | 1415 x 350 |
|--|--|-------------------------|
| | | XL Vision (30%) |
| Electrical data test conditions (STC) | | |
| Nominal peak power | 14 | P _{mpp} (Wp) |
| Open-circuit voltage | 27 | V _{oc} (V) |
| Short-circuit current | 0,88 | I _{sc} (A) |
| Voltage at nominal power | 19 | V _{mpp} (V) |
| Current at nominal power | 0,74 | I _{mpp} (A) |
| Power tolerance not to exceed | ±5 | % |
| STC: 1000 w/m ² , AM 1.5 and a cell temperature of 25°C, stabilized module state. | | |
| Mechanical description | | |
| Length | 1415 | mm |
| Width | 350 | mm |
| Thickness | 18,24 | mm |
| Surface area | 0,50 | sqm |
| Weight | 19 | Kgs |
| Cell type | α-Si | Thin Film |
| Transparency degree | XL | Vision (30%) |
| Front Glass | 6 mm | Tempered Glass Low-Iron |
| PV Active Glass | 3,2 mm | Float Glass |
| Rear Glass | 6 mm | Tempered Glass Low-Iron |
| Thickness encapsulation | 1,52 mm | PVB Foils (x2) |
| Junction Box | | |
| Protection | IP65 | |
| Wiring Section | 2,5 mm ² or 4,0 mm ² | |
| Limits | | |
| Maximum system voltage | 1000 | V _{sys} (V) |
| Operating module temperature | -40...+85 | °C |
| Max. Series Fuse | 3 | A |
| Temperature Coefficients | | |
| Temperature Coefficient of P _{mpp} | -0,19 | %/°C |
| Temperature Coefficient of V _{oc} | -0,28 | %/°C |
| Temperature Coefficient of I _{sc} | +0,09 | %/°C |

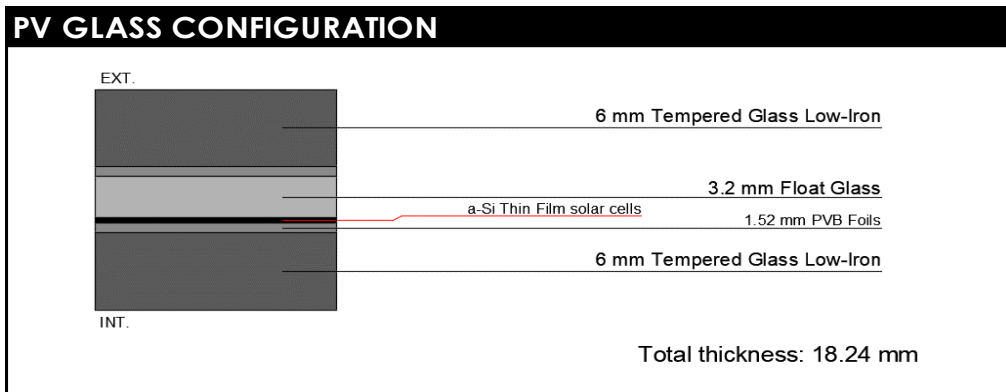
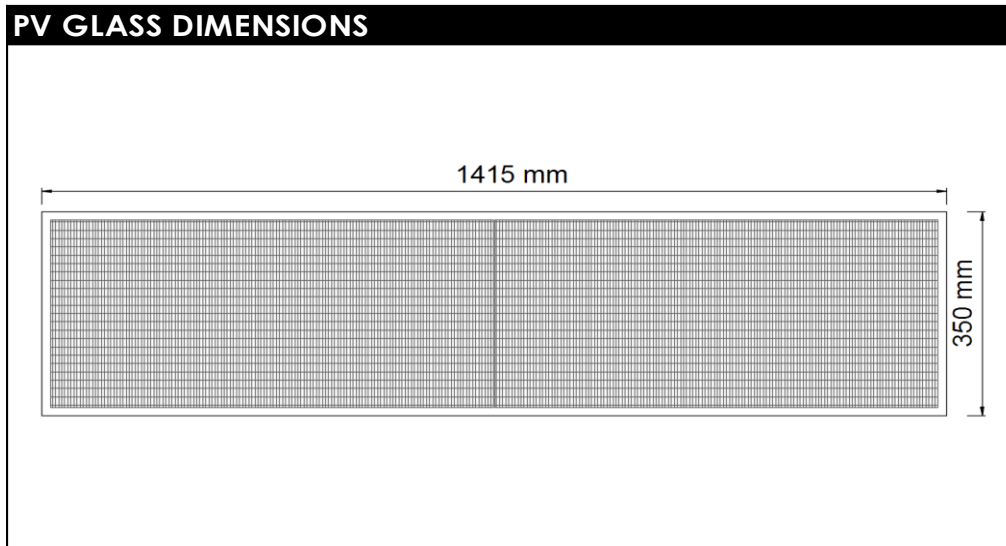
*All technical specifications are subject to change without notice by Onyx Solar

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| GLASS PROPERTIES | Onyx Equivalent Glass |
|---------------------|-----------------------|
| Solar Factor/SHGC | 37.00% |
| Light Transmission | 26.70% |
| UV Transmission | < 1% |
| Light Reflection | 8% |
| U-value [W/sqm.K] | - |
| Peak Power [Wp/sqm] | 28,0 |

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