



# TECHNICAL DATA - GL.07

| <b>PHOTOVOLTAIC GLASS</b>   |  |                         |
|---|--|-------------------------|
|   | <b>2.660 x 1500</b>                        |                         |
|   | <b>6" Mono</b>                             | <b>Crystalline</b>      |
| <b>Electrical data test conditions (STC)</b>  |  |                         |
| Nominal peak power  | 565  | P <sub>mpp</sub> (Wp)   |
| Open-circuit voltage  | 81   | V <sub>oc</sub> (V)     |
| Short-circuit current   | 8,93                                       | I <sub>sc</sub> (A)     |
| Voltage at nominal power  | 67   | V <sub>mpp</sub> (V)    |
| Current at nominal power  | 8,39                                       | I <sub>mpp</sub> (A)    |
| Power tolerance not to exceed   | ±10  | %                       |
| STC: 1000 w/m <sup>2</sup> , AM 15 and a cell temperature of 25°C, stabilized module state. |  |                         |
| <b>Mechanical description</b>   |  |                         |
| Length  | 2660                                       | mm                      |
| Width   | 1500                                       | mm                      |
| Thickness   | 13,8                                       | mm                      |
| Surface area  | 3,99                                       | sqm                     |
| Weight  | 120  | Kgs                     |
| Cell type   | 6" Mono                                    | Crystalline             |
| No PV cells / Transparency degree   | 128  | 26%                     |
| Front Glass   | 6 mm                                       | Tempered Glass Low-Iron |
| Rear Glass  | 6 mm                                       | Tempered Glass          |
| Thickness encapsulation   | 1,80 mm                                    | EVA Foils               |
| Category / Color code   |  |                         |
| <b>Junction Box</b>   |  |                         |
| Protection  | IP65                                       |                         |
| Wiring Section  | 2,5 mm <sup>2</sup> or 4,0 mm <sup>2</sup> |                         |
| <b>Limits</b>   |  |                         |
| Maximum system voltage  | 1000                                       | V <sub>sys</sub> (V)    |
| Operating module temperature  | -40...+85                                  | °C                      |
| <b>Temperature Coefficients</b>   |  |                         |
| Temperature Coefficient of P <sub>mpp</sub>   | -0,451                                     | %/°C                    |
| Temperature Coefficient of V <sub>oc</sub>  | -0,361                                     | %/°C                    |
| Temperature Coefficient of I <sub>sc</sub>  | +0,08                                      | %/°C                    |

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



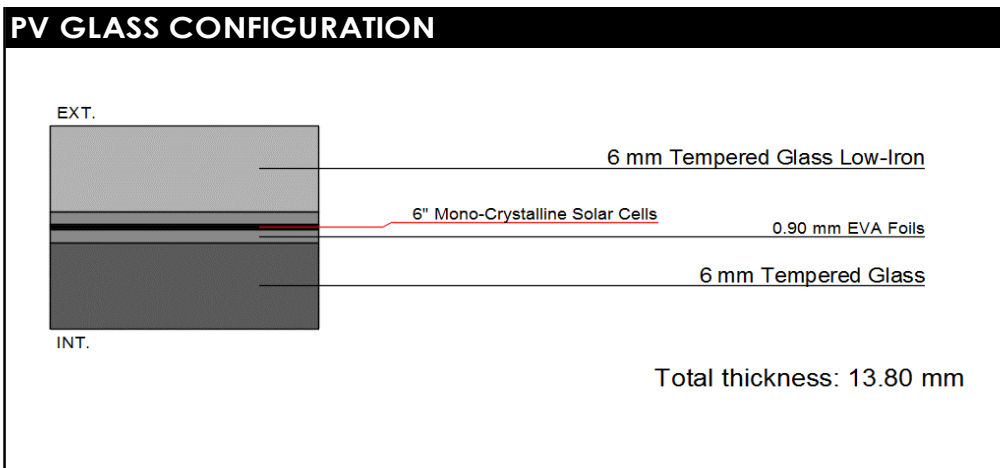
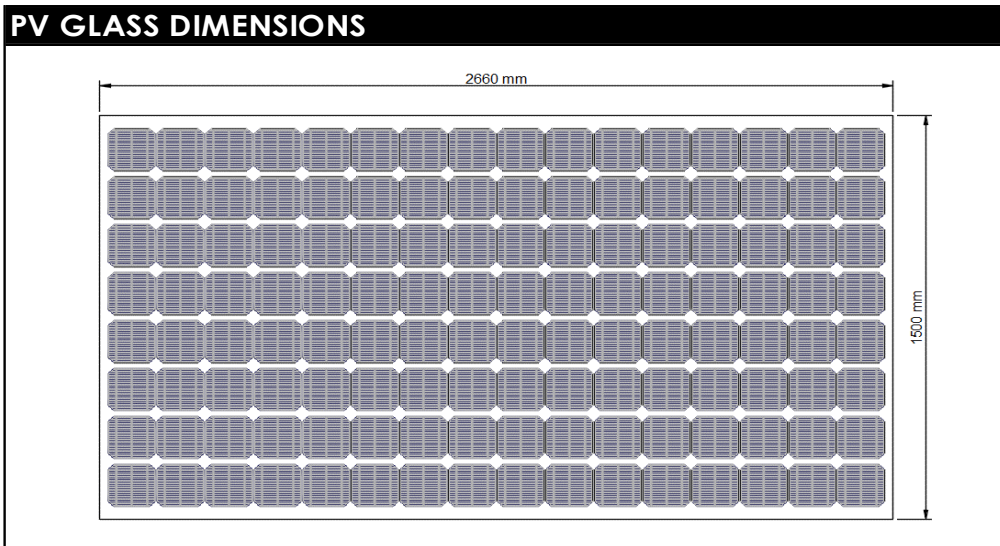
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| GLASS PROPERTIES    | Onyx Equivalent Glass |
|---------------------|-----------------------|
| Light Transmission  | 26%                   |
| U-value [W/sqm.K]   | 5,4                   |
| Peak Power [Wp/sqm] | 141,6                 |



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