

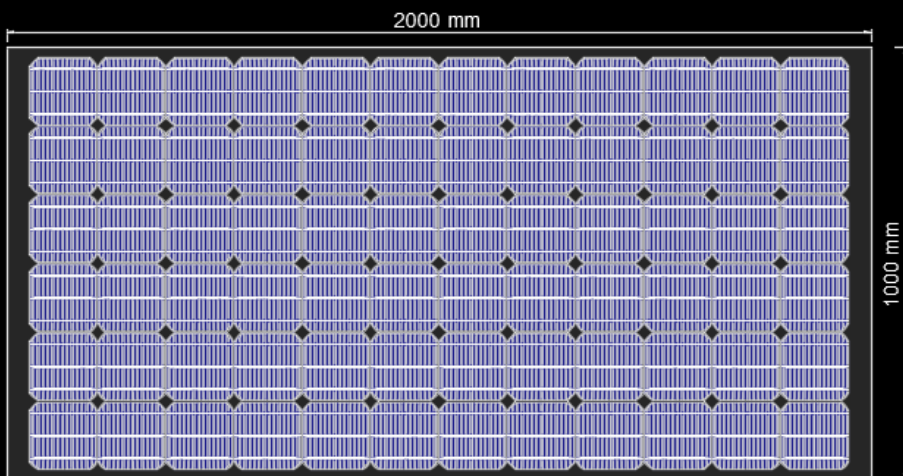


# TECHNICAL DATA

## PHOTOVOLTAIC CURTAIN WALL

### CRYSTALLINE TECHNOLOGY

### TECHNICAL DATA (GL01A):



|                           |                            |
|---------------------------|----------------------------|
| <b>PHOTOVOLTAIC GLASS</b> | <b>2000 x 1000</b>         |
|                           | <b>6" Mono Crystalline</b> |

| Electrical data test conditions (STC) |          |                |
|---------------------------------------|----------|----------------|
| Nominal peak power                    | 318      | $P_{mpp}$ (Wp) |
| Open-circuit voltage                  | 45       | $V_{oc}$ (V)   |
| Short-circuit current                 | 8,93     | $I_{sc}$ (A)   |
| Voltage at nominal power              | 38       | $V_{mpp}$ (V)  |
| Current at nominal power              | 8,39     | $I_{mpp}$ (A)  |
| Power tolerance not to exceed         | $\pm 10$ | %              |

STC: 1000 w/m<sup>2</sup>, AM 1.5 and a cell temperature of 25°C, stabilized module state.

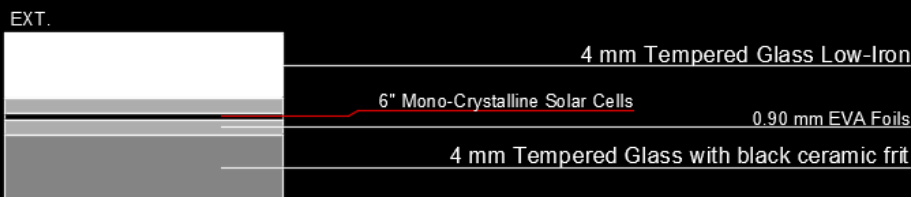
| Mechanical description            |         |                         |
|-----------------------------------|---------|-------------------------|
| Length                            | 2000    | mm                      |
| Width                             | 1000    | mm                      |
| Thickness                         | 9,8     | mm                      |
| Surface area                      | 2,00    | sqm                     |
| Weight                            | 40      | Kgs                     |
| Cell type                         | 6" Mono | Crystalline             |
| No PV cells / Transparency degree | 72      | 0%                      |
| Front Glass                       | 4 mm    | Tempered Glass Low-Iron |
| Rear Glass                        | 4 mm    | Tempered Glass          |
| Thickness encapsulation           | 0,90 mm | EVA Foils               |
| Category / Color code             |         | Black ceramic frit      |

| Junction Box   |  |
|----------------|--|
| Protection     | IP65                                       |
| Wiring Section | 2,5 mm <sup>2</sup> or 4,0 mm <sup>2</sup> |

| Limits                       |                    |
|------------------------------|--------------------|
| Maximum system voltage       | 1000 $V_{sys}$ (V) |
| Operating module temperature | -40...+85 °C       |

| Temperature Coefficients             |        |      |
|--------------------------------------|--------|------|
| Temperature Coefficient of $P_{mpp}$ | -0,451 | %/°C |
| Temperature Coefficient of $V_{oc}$  | -0,361 | %/°C |
| Temperature Coefficient of $I_{sc}$  | +0,08  | %/°C |

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



**Total thickness: 9.80 mm**

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