



| PHOTOVOLTAIC GLASS | | 636BN-12451849- _ _ _ | | | |
|---------------------------------------|----------------------|-----------------------|----------------|----------------|-----------------|
| 1245 x 1849 mm | | ref. 00 | ref. 10 | ref. 20 | ref. 30 |
| Electrical data test conditions (STC) | | DARK (0%) | M VISION (10%) | L VISION (20%) | XL VISION (30%) |
| Nominal peak power | P _{mp} (Wp) | 133 | 92 | 78 | 64 |
| Open-circuit voltage | V _{oc} (V) | 144 | 144 | 144 | 144 |
| Short-circuit current | I _{sc} (A) | 1,50 | 1,15 | 0,97 | 0,77 |
| Voltage at nominal power | V _{mp} (V) | 99 | 99 | 99 | 99 |
| Current at nominal power | I _{mp} (A) | 1,34 | 0,93 | 0,79 | 0,65 |
| Power tolerance not to exceed | % | ±5 | ±5 | ±5 | ±5 |

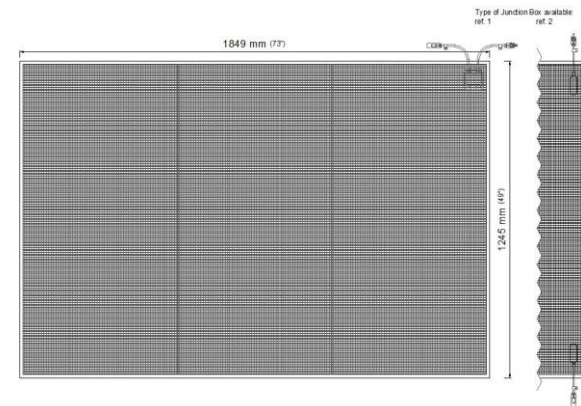
STC: 1000 w/m², AM 1.5 and a cell temperature of 25°C, stabilized module state.

| Mechanical description | |
|-------------------------|----------------------------------|
| Length | mm 1245 |
| Width | mm 1849 |
| Thickness | mm 16,72 / 14,72 / 12,72 |
| Surface area | sqm 2,30 |
| Weight | Kg 87,4 / 75,9 / 64,4 |
| Cell type | α-Si Thin Film |
| Front Glass | 6 / 5 / 4 mm Tempered Glass |
| PV Glass | 3,2 mm Float Glass |
| Rear Glass | 6 / 5 / 4 mm Tempered Glass |
| Thickness encapsulation | ref. A EVA Foils (not available) |
| | ref. B 1,52 mm PVB Foils |

| Junction Box | |
|--|---|
| Protection | IP65 |
| Wiring Section | 2,5 mm ² / 4,0 mm ² |
| Limits | |
| Maximum system voltage | V _{sys} (V) 1.000 |
| Operating module temperature | °C -40...+85 |
| Temperature Coefficients | |
| Temperature Coefficient of P _{mp} | %/°C -0,19 |
| Temperature Coefficient of V _{oc} | %/°C -0,28 |
| Temperature Coefficient of I _{sc} | %/°C +0,09 |

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

PV GLASS DIMENSIONS



PV GLASS CONFIGURATION



- 1 Front Glass
 - 2 PV Glass
 - 3 Rear Glass
 - 4 Cell type
 - 5 Encapsulation type
- EVA Foils ref. A
PVB Foils ref. B

NOTES

* For optical and further mechanical properties, please go to:

Technical Guide. 7.-Other Properties.

* Optional: Insulating Glass Unit. U value (W/sqm.K), please go to:

Technical Guide. 8.-Insulating Glass Unit.

* Junction box type and location should be approved by the customer.

