

FRAMELESS SOLAR GLASS

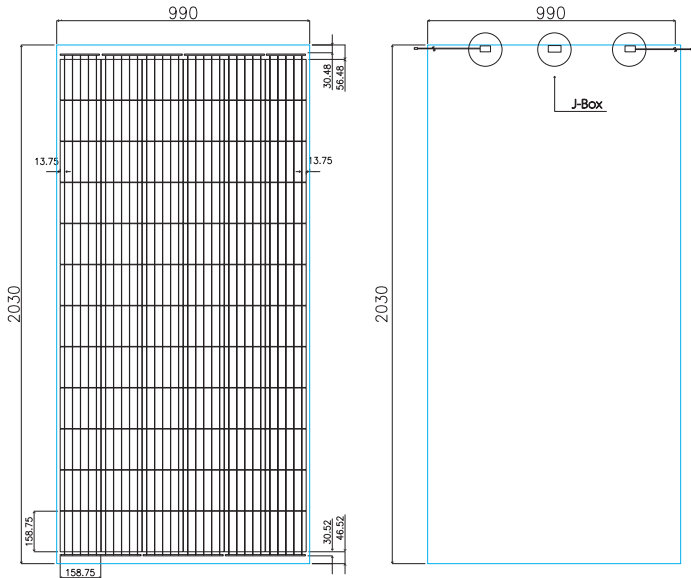
Bifacial Opaque

High Efficiency Mono Module

390 W

1000V

ENGINEERING DRAWING (mm)



ELECTRICAL DATA | STC*

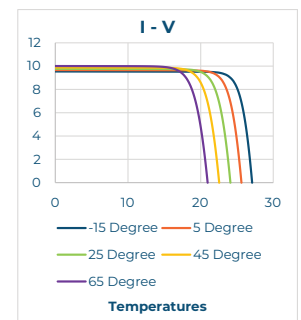
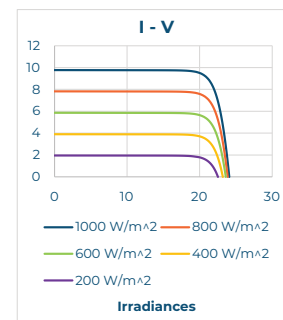
| SPECIFICATIONS | FRAMELESS SOLAR GLASS - BIFACIAL - OPAQUE | | | |
|-----------------------------|---|--------|--------|--------|
| | FRONT ONLY | 10% | 20% | 30% |
| Nominal Max. Power (Pmax) | 390W | 429W | 468W | 567W |
| MPP Operating Voltage (Vmp) | 41.9V | 41.9V | 41.9V | 41.9V |
| MPP Operating Current (Imp) | 9.31A | 10.24A | 11.17A | 12.10A |
| Open Circuit Voltage (Voc) | 48.2V | 48.2V | 48.2V | 48.2V |
| Short Circuit Current (Isc) | 9.77A | 10.75A | 11.72A | 12.70A |
| Cell Efficiency | 22% - 22.5% | | | |
| Operating Temperature | -40°C ~ +85°C | | | |
| Max. System Voltage | 1000V (IEC/UL) | | | |
| Max. Series Fuse Rating | 20A | | | |
| Application Classification | Class A | | | |

MECHANICAL DATA

| SPECIFICATIONS | FRAMELESS SOLAR GLASS - BIFACIAL - OPAQUE |
|------------------------------------|---|
| Cell Type | Mono-crystalline |
| Cell Arrangement | 72 (12x6) |
| Overall Dimensions | 2030x990x7mm |
| Front Cover | 3.2 mm tempered glass |
| Back Cover | 3.2 mm tempered glass |
| Weight | 35kg |
| J-Box | IP68, 3 bypass diodes |
| Cable | 4mm ² , 12 AWG (UL) |
| Cable Length (including Connector) | 1000mm, 1200mm |
| Connector | MC4 |

TEMPERATURE CHARACTERISTICS

| SPECIFICATIONS | FRAMELESS SOLAR GLASS - BIFACIAL - OPAQUE |
|--------------------------------------|---|
| Temperature Coefficient Pmax | -0.36% / °C |
| Temperature Coefficient Voc | -0.30% / °C |
| Temperature Coefficient Isc | 0.046% / °C |
| Nominal Module Operating Temperature | 42 ± 3°C |



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