## STANDARD SOLAR PANEL

GermanSolar's Standard Solar Panel is High efficiency, convenient ąnd easy to ưsè

## GermanSolar



# BIFACIAL TITANLINE MONO M10 108 CELL SOLAR PANEL 

GSM - 410W 415W 420W 425W 430W 435W 440W

GermanSolar is a specialist in customization, introducing colored glass, frames, and back-sheet material and shapes to aesthetically match your ideas with the prospective application. With innovative technology and design, GermanSolar offers high quality solar panels with enhanced aesthetic appearance for building structures and facades. By providing outstanding customization options, GermanSolar supports your required project needs with colored and shaped panels of your choice, and consults you in choosing the right size, thickness, shape, and color to compliment the design of your application and your building.

FEATURES


30-year linear performance warranty
performance in diffused sunlight and high temperature


Class I Division II Groups A,B,C\&D

GermanSolar
BIFACIAL TITANLINE

| ELECTR/CAL DAT/A |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

* STC: Irradiance $\mathbf{1 0 0 0} \mathbf{W} / \mathrm{m} 2$, Cell Temperature $\mathbf{2 5}{ }^{\circ} \mathrm{C}$, Air Mass AM1.5.

**BSTC: Front side irradiation $1000 \mathrm{~W} / \mathrm{m}^{2}$, back side reflection irradiation $135 \mathrm{~W} / \mathrm{m}^{2}, \mathrm{AM}=15$, ambient temperature $25^{\prime} \mathrm{C}$.

|  | MECHAN/CAL |
| :--- | :--- |
|  | DATA |
| Dimensions | $1722 \times 1134 \times 30 \mathrm{~mm}$ |
| Weight | $22 \mathrm{~kg}(2.0 \mathrm{~mm}$ glass $)$ or $20 \mathrm{~kg}(1.6 \mathrm{~mm}$ glass $)$ |
| Solar Cell | Mono $182 \times 91 \mathrm{~mm}$ |
| Front Glass | 2.0 mm solar glass or <br> Back Glass <br> Frame <br> Junction Box <br> Cable <br> Connector |
|  | Black Anodized Aluminium Alloy |
|  |  |


| PACKAGING | $36 \mathrm{pcs} / \mathrm{pallet}$ |
| :--- | :---: |
| Standard Packaging | 26 |
| Pallets Per Container | $936 \mathrm{pcs} / 40^{\prime}$ HQ container |
| Module quantity per 40' container |  |

## OPERATING CONDITIONS

| Max. System Voltage | 1500 V (IEC/UL) or 1000 V (IEC/UL) |
| :--- | :---: |
| Operating Temperature | $-40^{\circ} \mathrm{C}^{\sim}+85^{\circ} \mathrm{C}$ |
| Max. Series Fuse Rating | 30 A |
| Front Side Maximum Static Loading/ <br> Rear Side Maximum Static Loading | $5400 \mathrm{~Pa} / 2400 \mathrm{pa}$ |



Design (mm)

## Front View



LINEAR PERFORMANCE WARRANTY
15 Year Product Warranty I 30 years Linear Power warranty


