

## Polycrystalline Solar Module Double Glass

VS-P60/DG



Modules designed for residential and utility applications, rooftop or ground mount.



The latest module manufacturing technology, high power output and highest conversion efficiency.



Anti-reflective and anti soiling surface reduces power loss from dirt and dust.



Original photovoltaic Connector MC4 which reliability.



The module can withstand snow loads up to 5400Pa and wind loads up to 2400Pa.



High performance in low light conditions Cloudy days, sunrises and sunsets.



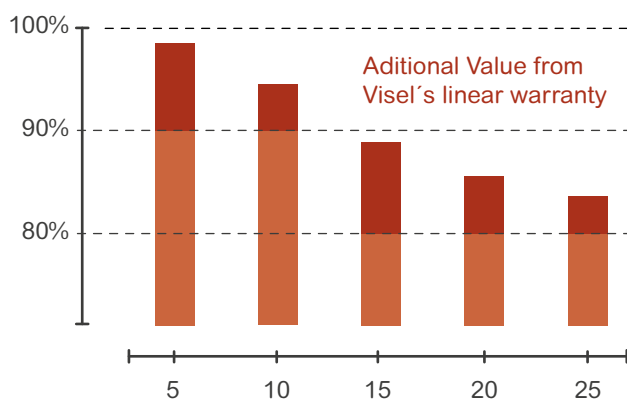
IP67 junction box for long-term weather endurance.

3Wp+

Positive power tolerance up to 3W.

## Linear Performance Warranty

10 year product warranty | 25 year line power warranty



Visel

Industry Standar

\* Warning : read the manual for installation and use before handing or installing VISEL modules.

\* The values, characteristics and parameters listed in this document are subject to change without notice.

## Product Certificates



# Polycrystalline Solar Module Double Glass

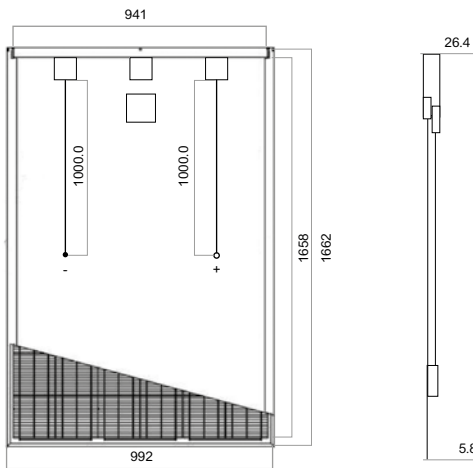
## VS-P60/DG

### Electrical Characteristics

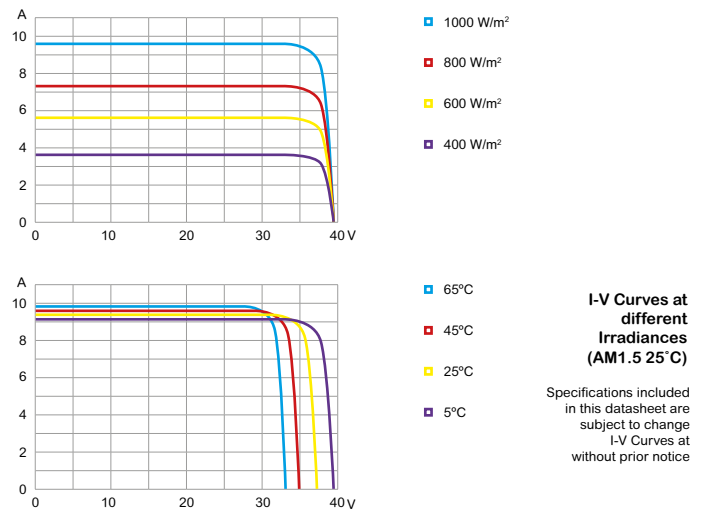
| Type                                    | VS260-P60 | VS265-P60 | VS270-P60 | VS275-P60 |
|---|-----------|-----------|-----------|-----------|
| Max-Power Pm (W)                        | 260       | 265       | 270       | 275       |
| Power Tolerance (W)                     | 0/+3%     | 0/+3%     | 0/+3%     | 0/+3%     |
| Max-Power Voltage Vm (V)                | 30.40     | 30.60     | 30.80     | 31.00     |
| Max-Power Current Im (A)                | 8.56      | 8.66      | 8.75      | 8.88      |
| Short - Circuit Current Isc (A)         | 9.12      | 9.23      | 9.32      | 9.45      |
| Open Circuit Voltage Voc (V)            | 37.50     | 37.70     | 37.90     | 38.01     |
| Max-System Voltage (VDC)                | 1000      | 1000      | 1000      | 1000      |
| Cell Efficiency (%)                     | 17.66     | 18.12     | 18.58     | 18.99     |
| Module Efficiency (%)                   | 15.81     | 16.11     | 16.42     | 16.72     |
| Max. Series Fuse (A)                    | 15        | 15        | 15        | 15        |
| PM Temperature Coefficients (%/°C)      | -0.410    | -0.410    | -0.410    | -0.410    |
| Isc Temperature Coefficients (%/°C)     | +0.053    | +0.053    | +0.053    | +0.053    |
| Voc Temperature Coefficients (%/°C)     | -0.310    | -0.310    | -0.310    | -0.310    |
| NOCT Nominal Operating Cell Temperature | 45±2°C    | 45±2°C    | 45±2°C    | 45±2°C    |

All specified parameters at STC 25 °C ambient, 1000 W/m<sup>2</sup> irradiance and AM 1.5

### Mechanical Specifications



### I-V Curve



### Mechanical Characteristics

|                |   |
|----------------|---|
| Cable Type     | 4mm <sup>2</sup> , TUV certified, 0.9m lenght, MC4    |
| Junction Box   | Split junction box, IP67, 3 diodes                    |
| Frame          | Frameless   |
| Solar Cell     | 60 units (6x10) in series, 156x156mm poly crystalline |
| Dimension (mm) | 1658x992x5.8 (without junction box)                   |
| Weight (Kg)    | 23  |
| Glass          | 2.5mm heat strengthened glass                         |

### Absolute Ratings

|                               |         |
|-------------------------------|---------|
| Dielectric Insulation Voltage | 3000V   |
| Operating Temperature (°C)    | -40~+85 |
| Storage Temperature (°C)      | -40~+85 |

### Load Rating

|                   |                                |
|-------------------|--------------------------------|
| Maximum snow load | 5400Pa                         |
| Maximum wind load | 2400Pa                         |
| Hail impact test  | Iceball diameter 25mm at 23m/s |