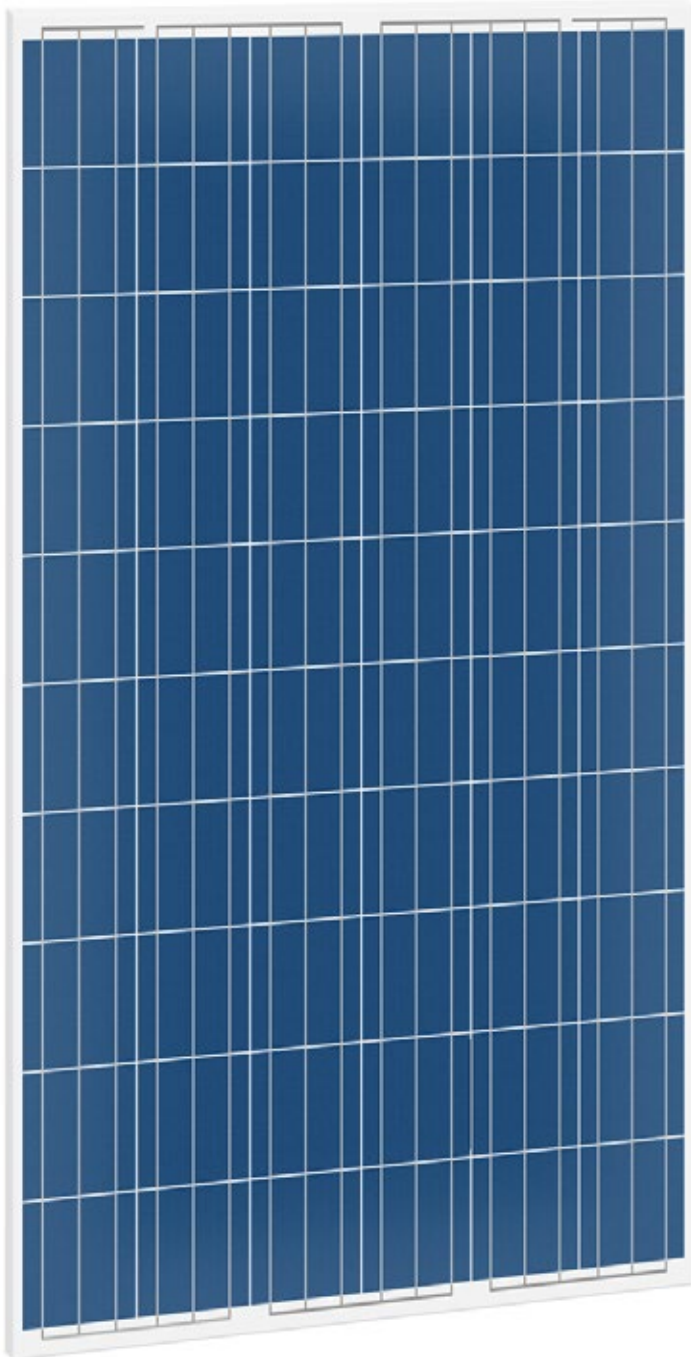


TM-Series

TM-P660260/270DG

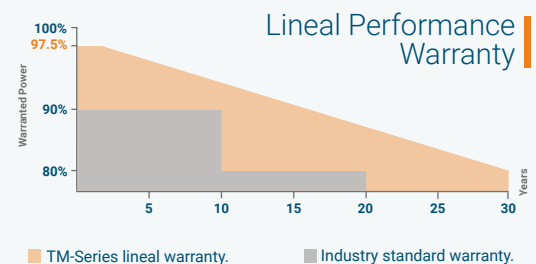


Polycrystalline
BIPV Solar Panels

260-270W
Power Range

16.58%
Efficiency

0/+5W
Tolerance



10 YEARS PRODUCT · 30 YEARS POWER

Key Features



High PID resistant
TM-Series has proved resistance to degradation induced power.



Double glass
High transmission glass resulting in increased energy production.



High efficiency and durability
Manufacturing process certified, excellent performance under low light environments.

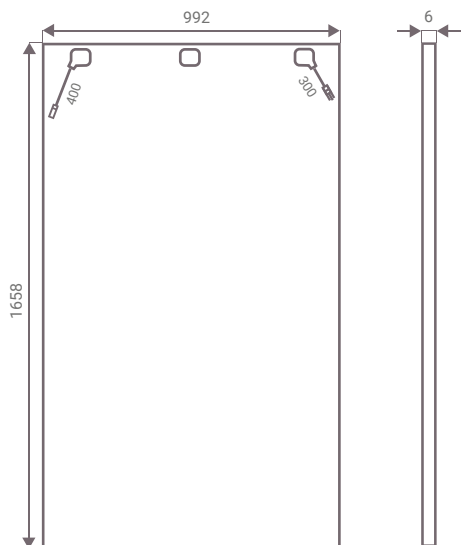


Robust and corrosion free modules
Certified to withstand the most challenging environmental conditions.

TM-P660260/270DG

POLYCRYSTALLINE BIPV MODULES

TM-Series



ELECTRICAL DATA

| STC | TM P660260DG | TM P660265DG | TM P660270DG |
|---------------------------------|--------------|--------------|--------------|
| Maximum Power at STC (Pmax) | 260 W | 265 W | 270 W |
| Optimum Operating Voltage (Vmp) | 30.56 V | 30.17 V | 30.90 V |
| Optimum Operating Current (Imp) | 8.51 A | 8.63 A | 8.75 A |
| Open Circuit Voltage (Voc) | 37.22 V | 37.46 V | 37.70 V |
| Short Circuit Current (Isc) | 9.23 A | 9.37 A | 9.50 A |
| Module Efficiency | 15.98 % | 16.28 % | 16.58 % |

Electric characteristics at normal standard conditions (STC)
STC Conditions: Irradiance: 1.000W/m², cell temperature: 25°C, AM=1.5

| NOCT | TM P660260DG | TM P660265DG | TM P660270DG |
|---------------------------------|--------------|--------------|--------------|
| Maximum Power at NOCT (Pmax) | 189 W | 193 W | 197 W |
| Optimum Operating Voltage (Vmp) | 27.92 V | 28.05 V | 28.23 V |
| Optimum Operating Current (Imp) | 6.79 A | 6.88 A | 6.98 A |
| Open Circuit Voltage (Voc) | 34.18 V | 34.40 V | 34.61 V |
| Short Circuit Current (Isc) | 7.51 A | 7.62 A | 7.73 A |

Electric characteristics at normal operation conditions (NOCT)
NOCT Conditions: Irradiance: 800W/m², ambient temperature: 20°C, AM=1.5, wind speed: 1m/s

GENERAL CHARACTERISTICS

| | |
|------------|---|
| Dimensions | 1658x992x6 mm 25mm (with junction box) |
| Weight | 24 Kg |

PACKAGING

| | |
|--------------------|----|
| Modules per Pallet | 38 |
|--------------------|----|

TEMPERATURE RATING

| | |
|-----------------------|-------------|
| NOCT | 45 ± 2° C |
| Coefficient of (Pmax) | -0.47 %/°C |
| Coefficient of (Voc) | -0.34 %/°C |
| Coefficient of (Isc) | +0.045 %/°C |

OPERATIVE CONDITIONS

| | |
|--------------------------------|-------------------|
| Power Tolerance | 0/+5W |
| Max. System Voltage | 1.000 V / 1.500 V |
| Max. Series Fuse Rating | 15 A |
| Operating Temperature Range | -40° C to 85 °C |
| Max. Static Load, Front (Snow) | 5400 Pa |
| Max. Static Load, Back (Wind) | 2400 Pa |
| Fire Rating | Class A |

CERTIFICATIONS



MECHANICAL CHARACTERISTICS

| | |
|----------------------|--------------------------------------|
| Solar Cells | Poly 156x156 mm |
| Cell Arrangement | 60 cells in series (6*10) |
| Encapsulant | EVA (ethylene vinyl acetate) |
| Junction Box | IP67 |
| Bypass Diodes | 3/6 diodes |
| Cables (length/area) | 4 mm ² (IEC), 12 AWG (UL) |
| Connectors | ZJRH05-8 |

IEC 6125, IEC 61730, ISO 9001:2008, ISO 14001:2004, BS OHSAS 18001:27, PV Cycle, MCS, PID, WEEE.

Caution:
To operate, install and manage Tamesol's modules, read the installation manual and use carefully.

Observations:
This Datasheet is subject to change without notice due to continuous improvement of our products. You can find all records of the updates on our website www.tamesol.com or by contacting one of our sales staff. All rights reserved ©Tamesol ®

Authorized Partner:

