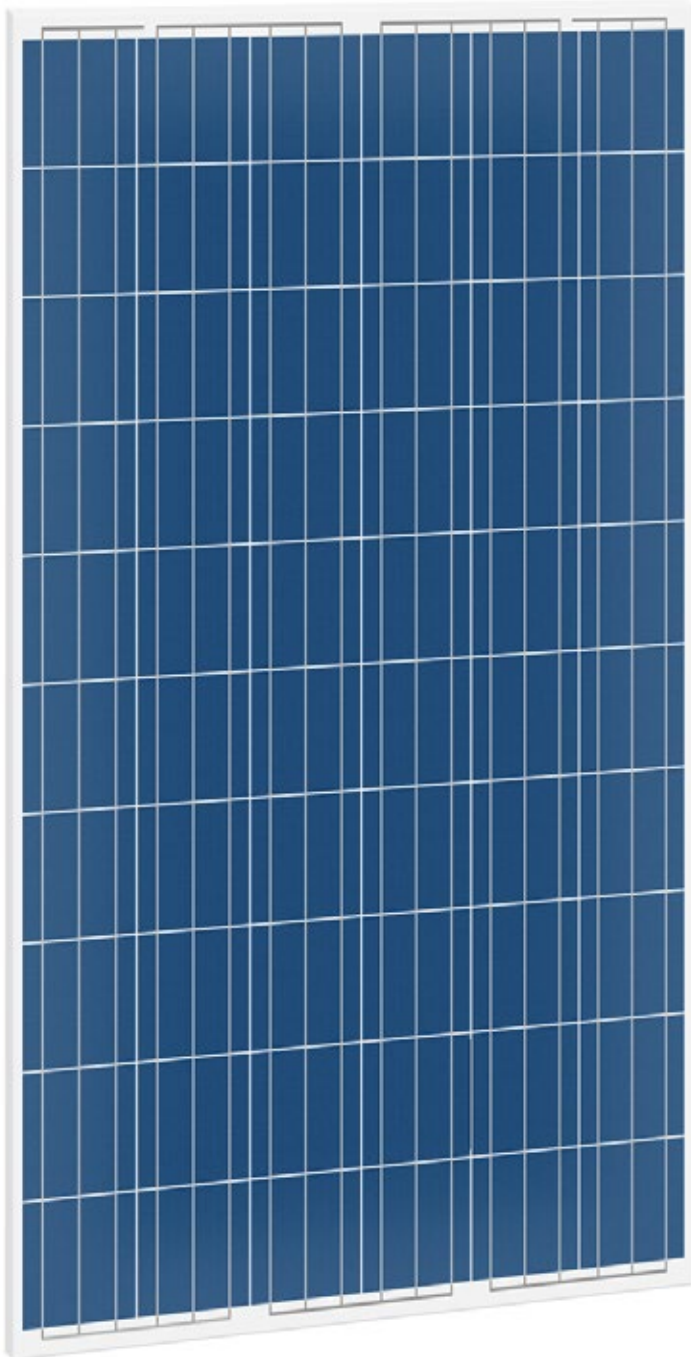


TM-Series

TM-P660260/270DG

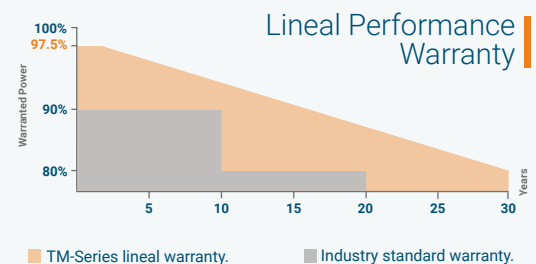


Polycrystalline
BIPV Solar Panels

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.

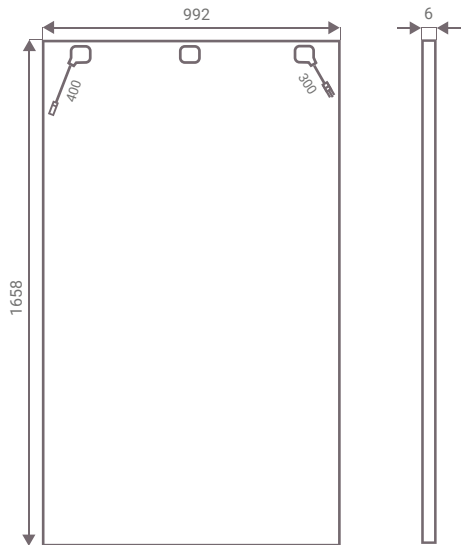


Robust and corrosion free modules
Certified to withstand the most challenging environmental conditions.

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
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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



IEC 61215, IEC 61730, ISO 9001:2008, ISO 14001:2004, BS OHSAS 18001:27, PV Cycle, MCS, PID, WEEE, UL.

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

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 ®

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