

Zantia - G Series

250 / 255 / 260 / 265



MODULE STRENGTHS



Excellent low light performance



Positive power tolerance 0~+5 Watts



Suitable under extreme mechanical loading pressure of 5400 Pa



100% EL Double Inspection



Resistant to ammonia corrosion



Highly resistant to salt-mist corrosion

Certified by



WARRANTY

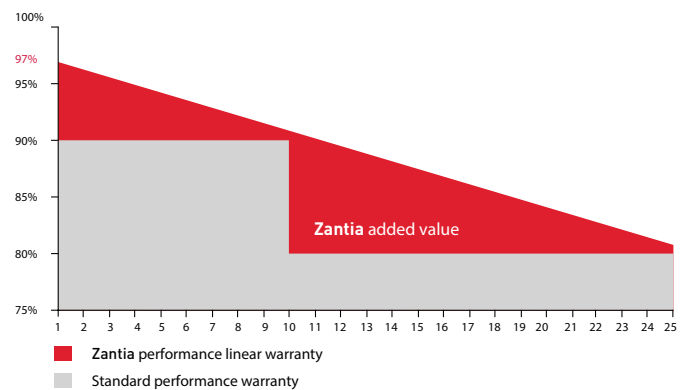


Product warranty: 10 years.

Performance linear warranty: 25 years.

CERTIFICATION

- TÜV Certificate
- MCS Certificate
- IEC 61215(ed.2)
- IEC 61730-1(ed.1) & IEC 61730-2(ed.1)
- Plus salt-mist (IEC 61701) & Ammonia (IEC 62716)



ELECTRICAL SPECIFICATIONS

Nominal Power (Wp)	P_{NOM}	250	255	260	265
Positive Power Tolerance		0~+5W			
MPP Current (A)	I_{MPP}	8,32	8,43	8,52	8,59
MPP Voltage (V)	V_{MPP}/U_{MPP}	30,0	30,2	30,5	30,8
Open Circuit Voltage (V)	V_{OC}/U_{OC}	37,3	37,6	37,8	38,1
Short Circuit Current (A)	I_{SC}	8,91	8,99	9,06	9,16
Module Efficiency	η (%)	15,4	15,7	16,0	16,3
Maximum System Voltage (V)	V_{SYS}	IEC:1000 / UL:1000			
Maximum Series Fuse Rating (A)	I	15			
Permitted module temperature on continuous duty		-40°C up to +85°C			
NOCT (°C)		46±2			
Temperature Coefficients:					
Power	$\gamma(P_{NOM})$	-0,43%/°C			
Voltage	$\beta(V_{oc})$	-0,33% /°C			
Current	$\alpha(I_{sc})$	+0,06%/°C			

* Values at Standard Test Conditions STC: air mass AM 1,5G, irradiance 1000 W/m² and cell temperature (25±2)°C.

MECHANICAL SPECIFICATIONS

Dimensions	1640 x 992 x 40 mm / 64,57" x 39,06" x 1,57"
Weight	18,5 kg / 40,7 lb
Solar Cells	6" Polycrystalline (156 x 156 mm)
Cell Connection	60 cells (6 x 10)
Glass	High transparency tempered glass 3,2 mm (0,13")
Frame	Anodized aluminium alloy
Diodes	3 diodes
Junction Box	IP-65 or IP-67 rated
Cable	Length 900mm* diameter 4 mm ² each
Connectors	MC4 compatible

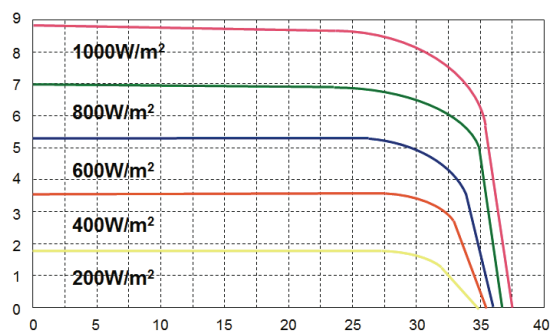
* 1200mm optional: delivery time subject to confirmation.

PACKAGING

Modules per pallet	26 pcs
Pallets per container	28 pallets
Modules per container	728 pcs

I-V CURVES

I-V Curve on Irradiance Level



CAUTION: read safety and installation instructions before using the product.

DISCLAIMER: specifications included in this datasheet are subject to change without notice from the company.

In case of any conflicts/problems that may arise due to misinterpretation, prevailing conditions are the ones described in the original version (in English).

DIMENSIONS All figures are in mm [inch]

