

PERFORMANCE WITH STYLE

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Specifications subject to technical changes and tests.

MONOCRYSTALLINE SILICON MODULE

ZAN-M-AB-250

KEY FEATURES



Anti-reflective and self-cleaning surface reduces power loss from dirt and dust



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



Outstanding performance in low-light irradiance environments



Excellent mechanical load resistance: Certified to withstand high wind loads (2400Pa) and snow loads (5400Pa)



High salt and ammonia resistance certified by TOV NORD



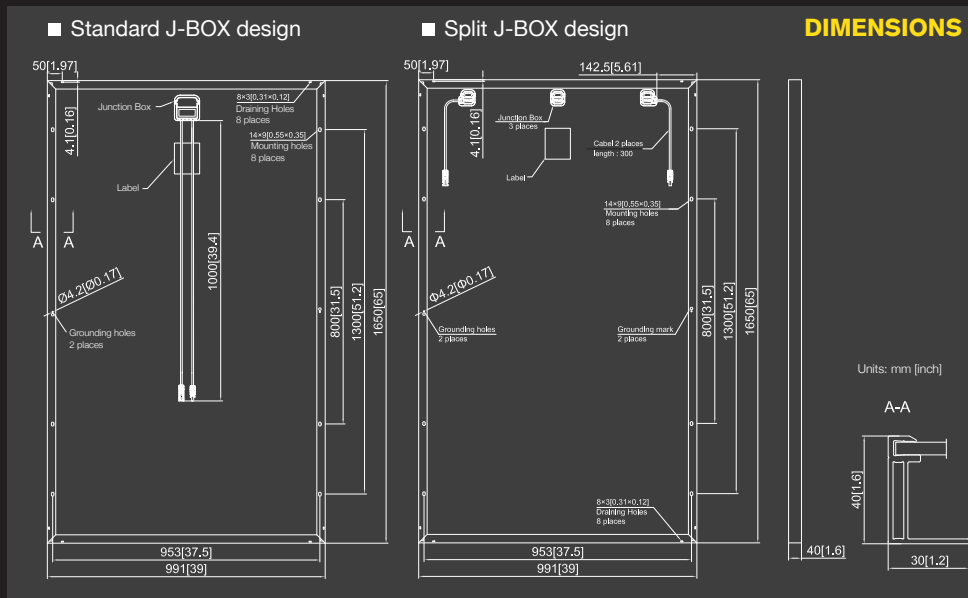
ZANUSSI

SOLAR

MONOCRYSTALLINE SILICON MODULE

ZAN-M-AB-250

TECHNICAL SPECIFICATIONS



MECHANICAL PARAMETERS

Cell (mm)	Full Square Mono 156x156
Weight (kg)	18.2 (approx)
Dimensions (LxWxH) (mm)	1650x991x40
Cable Cross Section Size (mm ²)	4
No. of Cells and Connections	60 (6x10)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	26 Per Pallet

WORKING CONDITIONS

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind)	5400Pa (112 lb/ft ²)
Maximum Static Load, Back (e.g., wind)	2400Pa (50 lb/ft ²)
NOCT	45±2°C
Application Class	Class A

ELECTRICAL PARAMETERS

TYPE	JAM6(BK) 60-245/SI	JAM6(BK) 60-250/SI	JAM6(BK) 60-255/SI	JAM6(BK) 60-260/SI	JAM6(BK) 60-265/SI
Rated Maximum Power at STC (W)	245	250	255	260	265
Open Circuit Voltage (Voc/V)	37.54	37.72	37.90	38.08	38.26
Maximum Power Voltage (Vmp/V)	30.03	30.31	30.58	31.81	31.11
Short Circuit Current (Isc/A)	8.68	8.13	8.84	8.92	9.00
Maximum Power Current (Imp/A)	8.16	8.76	8.34	8.44	8.52
Module Efficiency [%]	14.98	15.29	15.59	15.59	16.21
Power Tolerance (W)			-0~+5W		
Temperature Coefficient of Isc (αIsc)			+0.049%/°C		
Temperature Coefficient of Voc (βVoc)			-0.340%/°C		
Temperature Coefficient of Pmax (γPmp)			-0.410%/°C		

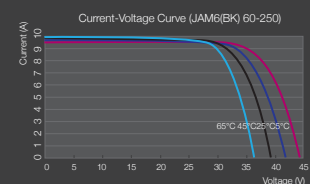
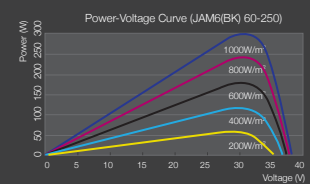
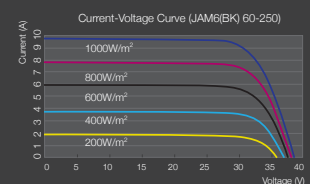
STC Irradiance 1000W/m², Module Temperature 25°C, Air Mass 1.5

NOCT

TYPE	JAM6(BK) 60-245/SI	JAM6(BK) 60-250/SI	JAM6(BK) 60-255/SI	JAM6(BK) 60-260/SI	JAM6(BK) 60-265/SI
Max Power at STC (Pmax) [W]	176.34	183.00	186.66	190.32	193.98
Open Circuit Voltage (Voc) [V]	34.61	34.85	35.05	35.18	35.30
Max Power Voltage (Vmp) [V]	27.50	27.72	28.07	28.32	28.57
Short Circuit Current (Isc) [A]	6.96	7.02	7.07	7.10	7.13
Max Power Current (Imp) [A]	6.52	6.60	6.65	6.72	6.79
Condition	Under Normal Operating Cell Temperature, Irradiance of 800 W/m ² , spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s				

Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

I-V CURVE



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