

AS-M721D SOLAR MODULE

MONOCRYSTALLINE CELLS
330 - 335 Wp

High efficiency photovoltaic module
with reliable power output ensuring a
high yield and performance.
Made in Europe.

AEG solar modules are made of carefully
selected and tested components to ensure the
highest quality, reliable efficiency and a long
product life-time.

The AEG monocrystalline solar module AS-
M721D delivering up to 335 Wp represents a
highly flexible solution for all kinds of installati-
on types - especially for commercial installati-
ons and utility scale ground-mounted systems
which require higher power outputs.

AEG solar modules feature the latest certifica-
tions (IEC/EN 61215 / 61730 a.o.) to ensure the
highest quality and reliability. The production
facilities comply with the international stan-
dards of ISO 9001, ISO14001 and



OHSAS 18001. The AEG solar module AS-M721D of-
fers a range of benefits as a 10 years limited product
warranty as well as a linear power warranty for 25
years (power output no less than 97% of the mini-
mum "Peak Power at STC" in the first year; power
output decline no more than 0.7% per year
thereafter).



Comprehensively
certified



Consistent and reliable
yields



Made in Europe

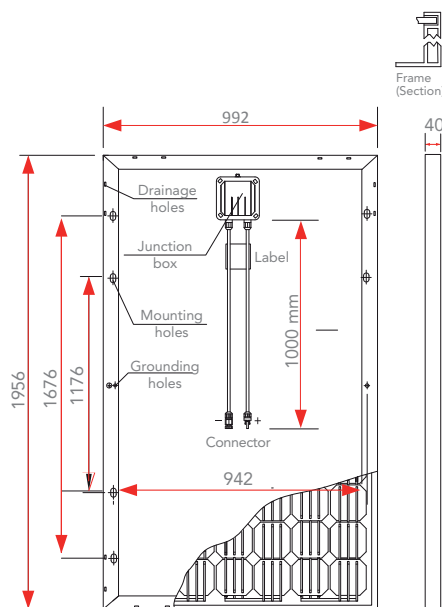


Best fit for big-scale
installations

AEG
perfekt in form und funktion

AS-M721D PHOTOVOLTAIC MODULE

72 cells per module (156 x 156 mm / 6")



Module dimensions are expressed in mm with tolerance ± 2 mm (± 0.079 ")

TEMPERATURE CHARACTERISTICS:

NOCT	45°C \pm 2°C
P_{max} Temp. Coeff. (γ)	-0.39%/°C
V_{oc} Temp. Coeff. (β)	-0.31 %/°C
I_{sc} Temp. Coeff. (α)	0.048 %/°C
Operating temperature	-40°C to + 85°C

PACKING CONFIGURATION:

Packing Config.	26 pcs / pallet
Loading Capacity	572 pcs / 40 ft HC

ELECTRICAL CHARACTERISTICS AT STC*:

Module Type: AS-M721D		330	335
Nominal Power (P_{max})	[Wp]	330	335
Tolerance on Nominal Power P_{max}^{**}	[Wp]	-0 / +5	-0 / +5
Maximum Power Voltage (V_{mp})	[V]	38.49	38.52
Maximum Power Current (I_{mp})	[A]	8.61	8.73
Open Circuit Voltage (V_{oc})	[V]	47.12	47.26
Short Circuit Current (I_{sc})	[A]	8.86	8.91
Module Efficiency (η_m)		17.00%	17.26%
Maximum System Voltage	[V]	1000	1000
Series Fuse Maximum Rating	[A]	15	15

*Standard Test Conditions (STC): Irradiance 1000 W/m², Air Mass AM = 1.5, Cell Temperature 25°C; Power measurement uncertainty within $\pm 3\%$. AEG photovoltaic modules are classified according to a principle of positive power tolerance: the Power Output measured at STC of the delivered modules exceeds their assigned Nameplate Nominal Power at STC within a power tolerance range between -0 Wp and +5 Wp.
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MECHANICAL CHARACTERISTICS

Solar Cells	72 (6 x 12) monocrystalline silicon, 156 x 156 mm (6") solar cells
Front Glass	3.2 mm (0.16") high-transparency AR coating glass
Backsheet	White backsheet
Encapsulant	EVA (Ethylene-Vinyl Acetate)
Frame	Anodized aluminum alloy
Junction Box	IP67 rated, with 3 bypass diodes
Cables	UV resistant solar cable 1000 mm (39.37"), sec. 4.0 mm ² (12 AWG)
Connectors	MC4 compatible connectors
Dimensions	1956 x 992 x 40 mm (77.01 x 39.06 x 1.57 ")
Weight	24.0 kg (52.9 lbs)
Max. Load	Wind load: 2400 Pa / Snow load: 5400 Pa

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