



### 320-335 Wp 72 POLYCRYSTALLINE CELLS

AEG solar modules combine the most advanced technology with high reliability in manufacture to offer you a product meant for high achievements.



### SIMPLY MORE POWER

AEG solar modules are designed to ensure reliably high yields to meet the demands of larger and power-intensive installations.



### THOROUGHLY TESTED AND GUARANTEED

The manufacturing processes of AEG solar modules follow rigorous quality criteria to provide a guaranteed and long-lasting product.

### COMPREHENSIVELY CERTIFIED

AEG solar modules and production facilities are compliant with the the latest standards to guarantee safety and reliability. Production facilities are certified according to ISO 9001, ISO 14001 and OHSAS 18001. AEG solar products are certified among others by:



More information: [www.aeg-industrialsolar.de](http://www.aeg-industrialsolar.de)

PROFESSIONAL SERIES



**PRODUCT NAMECODE (PNC)**  
AS-P728-325/330/335, silver frame

### PRODUCT SERIES & NAMECODE (PNC)

AEG PROFESSIONAL SERIES
AS-P728-325/330/335
Silver frame, white backsheet

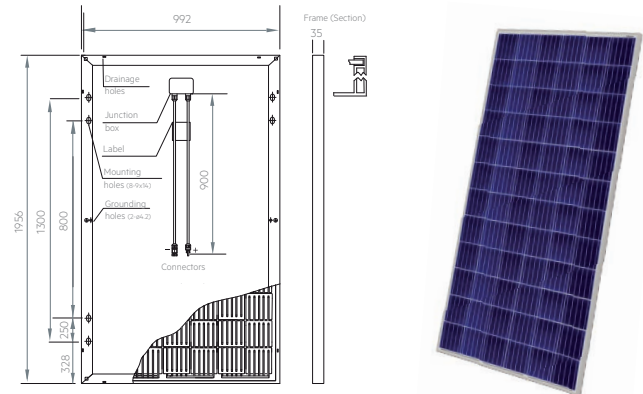
### CERTIFICATIONS

System	ISO 9001, ISO 14001, OHSAS 18001
Product	IEC 61215 (ed.2), IEC 61215-1/-2:2016 (EN: 2017) IEC 61730-1/2:2007, IEC 61730-1/-2:2016 (EN: 2018)

### ELECTRICAL CHARACTERISTICS AT STC<sup>12</sup>

Nominal Power (Pmax)	[Wp]	325	330	335
Power Sorting <sup>3</sup>	[Wp]	-0/+5	-0/+5	-0/+5
Maximum Power Voltage (Vmp)	[V]	37.7	37.8	38.0
Maximum Power Current (Imp)	[A]	8.62	8.73	8.82
Open Circuit Voltage (Voc)	[V]	44.9	45.5	46.1
Short Circuit Current (Isc)	[A]	9.10A	9.22	9.31
Module Efficiency (ηm)	[%]	16.75	17.01	17.26
Maximum System Voltage	[V]	1000	1000	1000
Series Fuse Maximum Rating	[A]	20	20	20

### TECHNICAL DRAWINGS



### ELECTRICAL CHARACTERISTICS AT NMOT<sup>4</sup>

Maximum Power (Pmax)	[W]	240.8	244.5	248.2
Maximum Power Voltage (Vmp)	[V]	34.8	34.8	35.0
Maximum Power Current (Imp)	[A]	6.92	7.02	7.08
Open Circuit Voltage (Voc)	[V]	41.5	42.1	42.6
Short Circuit Current (Isc)	[A]	7.37	7.46	7.54

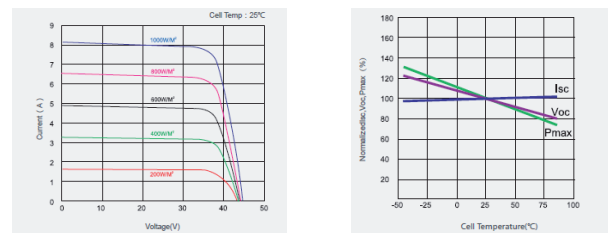
### TEMPERATURE CHARACTERISTICS

NMOT	[°C]	45 ± 2
Pmax Temp. Coefficient (γ)	[%/°C]	-0.41
Voc Temp. Coefficient (β)	[%/°C]	-0.33
Isc Temp. Coefficient (α)	[%/°C]	+0.06
Operating temperature	[°C]	-40 ~ +85

### MECHANICAL CHARACTERISTICS

Solar cells	polycrystalline [pcs]	72 (6 x 12)
	Dimensions [mm]	156.75 x 156.75
Front glass	High-transparency	
	Thickness [mm] / [in]	3.2 / 0.12
Backsheet	White	
Encapsulant	EVA	Transparent
Frame	Anodized aluminum alloy	Silver
Junction box	Standard	IP68
	Bypass diodes	3
UV-resistant cables	Length [cm] / [in]	90 / 35.4
	Section [mm <sup>2</sup> ]	4
Connectors	MC4	compatible
Dimensions	H x L x W [mm]	1956 x 992 x 35
	H x L x W [in]	77 x 39 x 1.37
Weight	[kg] / [lbs]	22.5 / 49.6
Maximum load	Wind / Snow [Pa]	2400 / 5400

### I/V CURVES - IRRADIANCES



### WARRANTIES

Product warranty	[years]	12
Performance warranty (linear) <sup>5</sup>	[years]	25

### PACKAGING

Packing configuration	[pcs/pallet]	30
Loading capacity	[pcs/40 ft container]	720

### CONTACT US

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 www.aec-industrialsolar.de

1-Standard Test Conditions (STC): Irradiance 1000 W/m<sup>2</sup>, Air Mass AM = 1.5, Cell Temperature 25°C

2-Measurement tolerances (IEC 61215:2016): Pmax±5%, Voc±5%, Isc±5%

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

4-NMOT: Nominal operating temperature of module, Irradiance 800 W/m<sup>2</sup>, Wind Speed 1m/s, Ambient Temperature 20°C, Air Mass AM=15

5-No less than 97% of the minimum "Peak Power at STC" in the first year; power output decline no more than 0.7% per year thereafter). Full text of the Warranty Terms available at: www.aec-industrialsolar.de

6-Dimensions in the technical picture are expressed in mm with tolerance ±2 mm (±0.079")

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