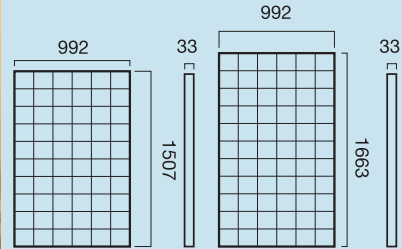


ANEL SOLAR 205,210,230,235 W

## POLYCRYSTALLINE SOLAR MODULES

- High performance modules with excellent efficiency
- Highly efficient cell technologies provided by leading manufacturers
- 25 years ANEL ENERJİ performance guarantee
- 5 years workmanship guarantee
- Product certification IEC 61215, IEC 61730 & CE





All data in mm, Tolerance +/- 3 mm

## FEATURES:

- Highly efficient polycrystalline cell technology
- Optimal output with excellent low-light response
- Minimum reflection by special anti-reflective surface
- 3,2 mm solar glass, resistant to high wind speed and load capacity
- Protection against corrosion and UV rays

Electrical Data-Typical					
Module Name		ANP205 NEC	ANP 210 NEC	ANP 230 NEC	ANP 235 NEC
Peak Power	(Mpp) Wp	205	210	230	235
Capacity Tolerance	%	-0 / +3	-0 / +3	-0 / +3	0 / +3
Rated Voltage	Vmpp [V]	26,39	26,47	29,38	29,45
Rated Current	Impp [A]	7,80	7,96	7,83	7,98
Open Circuit Voltage	Voc [V]	33,08	33,26	36,75	36,82
Short Circuit Current	Isc [A]	8,33	8,59	8,55	8,65

The above values are effective for an irradiation of 1000 W/m<sup>2</sup>, AM 1.5, and a cell temperature of 25°C according to STC.

Temperature Coefficient		
Tc of open circuit voltage	%/°C	-0,30
Tc of short circuit voltage	%/°C	0,047
Tc of power at Mpp	%/°C	-0,39

Mechanical Specification					
Dimensions (h x w x d)	mm	1507 x992 x33	1507 x992 x33	1663 x992 x33	1663 x992 x33
Module Area	m <sup>2</sup>	1,49	1,49	1,65	1,65
Weight	kg	16,5	16,5	18	18
Number of Solar Cells		54	54	60	60
Glass Thickness	mm	3,2	3,2	3,2	3,2
Junction Box	Tyco Solarlok				
Diodes	3 bypass diode (SL 1515- 16A)				
Front Glass	Transparent, prism, toughened safety glass, Trakya Cam				
Cell Structure	Poly Si 6" (156mm x156mm)				
Cell Encapsulation		Etimex Vistasolar 486.10	Etimex Vistasolar 486.10	Bridgestone EVA Sky	Bridgestone EVA Sky
Backsheet	Isovolta AAA				
Frame	Anodized aluminum frame				

Permissible Operating Conditions	
Temperature Range	+85 to -40°C
Maximum System Voltage	1000V
Maximum Surface Load Capacity	Tested up to 5400 Pa according to IEC 61215 (advanced test)
Resistance Against Hail	Max. Diameter of 28mm with impact speed of 86 km/h

Guarantees and Certifications	
Product warranty	5 years
Performance Guarantee	Guaranteed output of 90% for 10 years and 80% for 25years
Approvals and Certificates	IEC 61215, IEC 61730, Protection ClassII, IP65

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**IP65**

