

ANEL SOLAR 230,235,240W

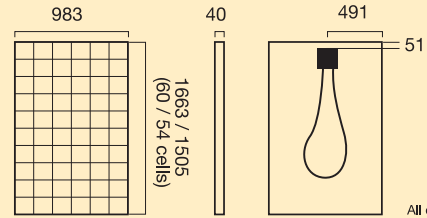
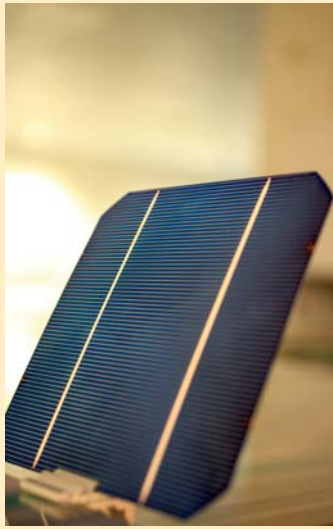
## MONOCRYSTALLINE SOLAR MODULES

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

 product of  
Anel Group

AnelSolar





All data in mm, Tolerance +/- 3 mm

## FEATURES:

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

Electrical Data-Typical				
Peak Power	(Mpp) [Wp]	230Wp	235Wp	240Wp
Capacity Tolerance	%	+3 / -0 %		
Voltage at Mpp [V]	Vmpp [V]	29,3	29,57	29,89
Current at Mpp [A]	Impp [A]	7,85	7,95	8,03
Open-circuit voltage [V]	Voc [V]	36,67	36,94	37,21
Short-circuit current [A]	Isc [A]	8,48	8,54	8,59

The above values are effective for an irradiation of 1000W/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]	-0,35
Tc of short-circuit current	[%/°C]	0,049
Tc of power at Mpp	[%/°C]	-0,48

Mechanical Specification		
Dimensions (h x w x d)	mm	1663x983x40
Module Area	m <sup>2</sup>	1,65
Weight	kg	22
Number of Solar Cells		60
Glass Thickness	mm	4
Junction Box		Tyco Solarlok
Diodes		3 bypass diodes (SL 1515-16A)
Front Glass		Trakya Cam (Transparent Toughened Prism)
Cell Structure		Monocrystalline Si 6" (156mm x 156mm)
Cell Encapsulation		STR
Backsheet		Krempel
Frame		Anodized Aluminum

Permissible Operating Conditions	
Ambient temperature [°C]	+85 to -40 degrees
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 86km/h

Guarantees and Certifications	
Product Warranty	5 years
Performance Guarantee	Guaranteed output of 90% for 10 years and 80% for 25 years
Approvals and Certifications	IEC 61215, IEC 61730

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