

ANEL SOLAR 260, 270, 280 W

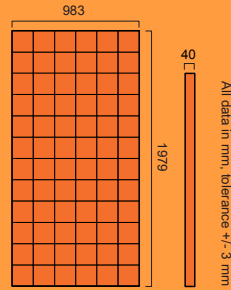
## MONOCRYSTALLINE SOLAR MODULES

- High Performance Modules with Excellent Efficiency
- Highly Efficient Cell Technologies Provided by Leading Manufacturers
- 25 Years LINEAR Performance Guarantee
- 5 Years Product Guarantee
- Product Certification according to IEC 61215, IEC 61730 and CE

 product of  
Anel Group

AnelSolar





## 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 loads and wind speeds
- Protection against corrosion and UV rays

Electrical Data - Typical				
Module Name		ANM 260	ANM 270	ANM 280
Peak Power (Mpp*)	[Wp]	260	270	280
Capacity Tolerance	[%]	-0 / +3	-0 / +3	-0 / +3
Rated Voltage Vmpp	[V]	35,82	36,12	36,43
Rated Current Imp	[A]	7,26	7,48	7,69
Open Circuit Voltage Voc	[V]	43,52	44,01	44,45
Short Circuit Current Isc	[I]	7,72	8,05	8,41
*Mpp = maximum power point. 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 Coefficients				
Tc of Open Circuit Voltage	[V/K]		-0,159	
Tc of Short Circuit Current	[mA/K]		1,77	
Tc of Power at Mpp	[%/K]		-0,45	
Mechanical Specification				
Dimensions (h x w x d)	[mm]	1979 x 983 x 40		
Module Area	[m <sup>2</sup> ]	1,95		
Weight	[kg]	26		
Number of Solar Cells		72		
Cell Encapsulation		STR Photocap		
Cell Structure		Mono Si 6" (156mm x 156mm)		
Junction Box		Tyco Solarlok		
Diodes		3 bypass diodes (SL 151 - 16A)		
Front Glass		4 mm transparent, prism, toughened safety glass, Trakya Cam		
Backsheet		Krempel		
Frame		anodized aluminum frame		
Permissible Operating Conditions				
Temperature Range		-40 to +85°C		
Maximum System Voltage		1000 V		
Maximum Surface Load		5400Pa		
Resistance against Hail		Max. diameter of 28mm with impact speed of 86km/h		
Guarantees and Certifications				
Product Guarantee		5 years		
Performance Guarantee		Guaranteed output of 97% in first year, then linear reduction of 0,70% p.a. up to 25 years		
Standards		IEC 61215, IEC 61730, Protection Class II, IP 65		
<i>All technical data may be subject to change.</i>				



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Protection  
Class II



IP65