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Solar Panel Guide Specification Data Sheet

OK Solar Srl

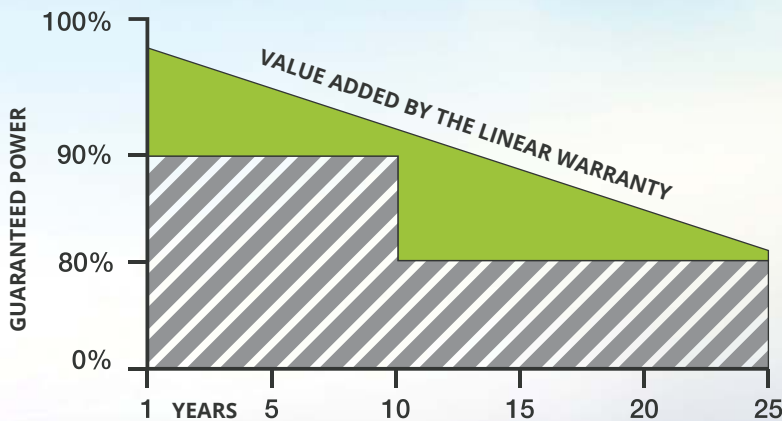
**Premium Line Monocrystalline 60 Cells - Made in Eu
OKM280**

Also available on the web at
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oksolar



PREMIUM LINE - High Performance MONOCRYSTALLINE 60 CELLS



**15 YEARS
WARRANTY**



**+5Wp
POSITIVE TOLERANCE
0 / +5Wp**



**MAXIMUM SNOW LOAD
8.000 Pa**



**MAXIMUM STABILITY
SOFT GRIP ALUMINUM FRAME**



**25 YEARS LINEAR
WARRANTY**



OK SOLAR SRL

Registered Office: Via Grandi n. 44, 20017, Rho (MI) Italy - Social Capital € 150.000,00
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Premium-Line 60 cells monocrystalline

Electrical data (at standard conditions (STC) irradiance 1000 watt/m², spectrum AM 1.5 at a cell temperature of 25° C)

Type	Nominal output P _{mpp}	Nominal voltage U _{mpp}	Nominal current I _{mpp}	Short circuit current I _{sc}	Open circuit voltage U _{oc}	Module conversion efficiency
OKM260	260 Wp	30,42 V	8,60 A	9,06 A	38,30 V	15,98 %
OKM270	270 Wp	30,94 V	8,80 A	9,41 A	39,26 V	16,60 %
OKM280	280 Wp	31,30 V	8,96 A	9,50 A	39,50 V	17,20 %
OKM290	290 Wp	31,58 V	9,20 A	9,66 A	39,60 V	17,60 %
OKM300	300 Wp	32,10 V	9,41 A	9,97 A	39,80 V	18,35 %

Design	
Frontside	3,2 mm hardened, low-reflection white glass
Cells	60 monocrystalline high efficiency cells 156x156 mm (6") -4BB
Backside	Composite film
Frame	40 mm silver anodized aluminum frame

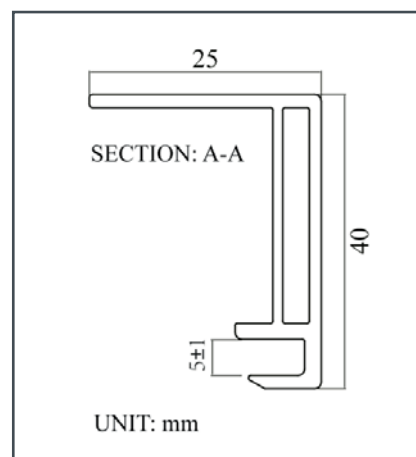
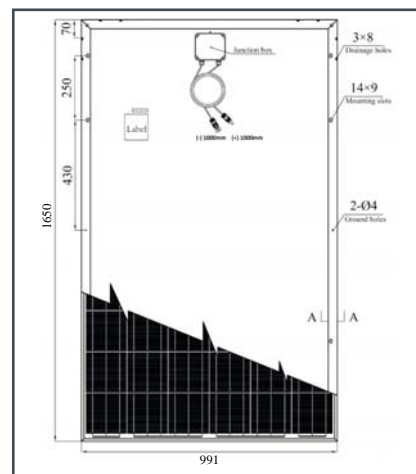
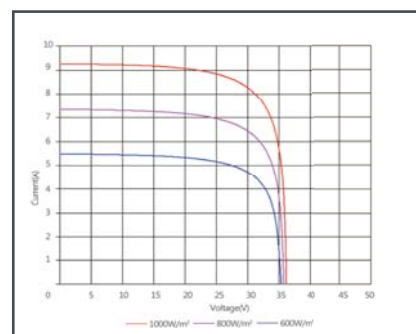
Mechanical data	
LxWxH	1650x991x40 mm
Weight	19,5 kg with frame

Power connection	
Socket	Protection class IP67 (3 bypass diodes)
Wire	Approx 110 cm / 4 mm ²
Plug-in system	Plug / Socket IP67

Limit values	
System voltage	1000 VDC
NOCT (nominal operating cell temperature)*	45°C +/- 2K
Max. load-carrying capacity	5400N / m ² tested to 8000Pa
Reverse current feed IR	16,0 A

* NOCT, irradiance 800W/m²; AM 1,5; wind speed 1 m/s; Temperature 20°C

Temperature coefficients	
Voltage U _{oc}	-0,30 %K
Current I _{sc}	0,04 %K
Output P _{mpp}	-0,42 %K



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