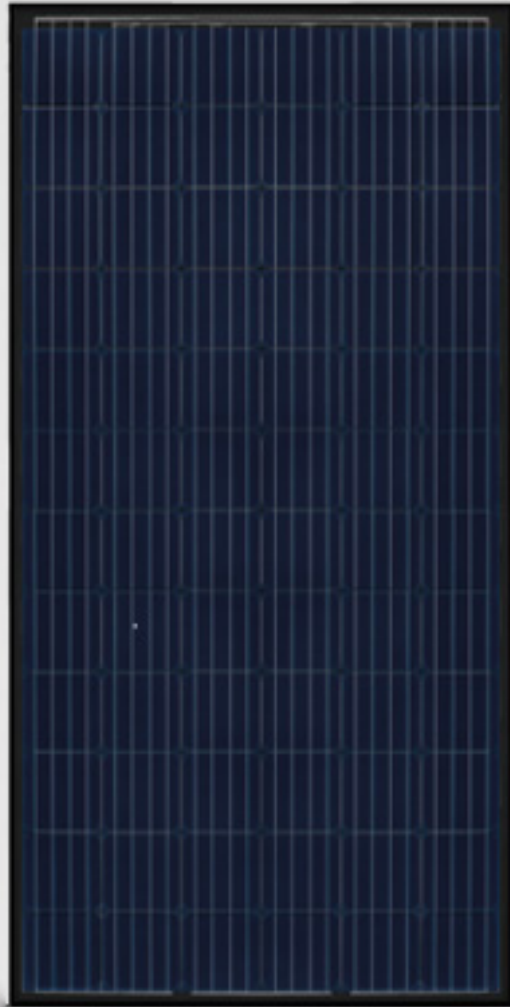


8.33 IS ALWAYS MORE



270/285W CONCENTRATED POWER

BLACK IS ALWAYS THE BEST OPTION

833 POLICRYSTALLINE

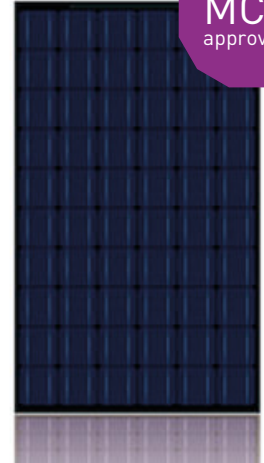
270/285 WATT 60 CELLS

AVAILABLE IN BLACK AND SILVER FRAME

MCS
approved

Electrical Parameters

	270 W	275W	280W	☼
Pmax	270	280	285	
Maximum Power Voltage V_{mpp} (V)	30,9	31,4	31,6	
Maximum Power Current - I_{MPP} (A)	8,73	8,92	9,02	
Open Circuit Voltage - V_{oc} (V)	37,9	38,2	38,3	
Short Circuit Current - I_{sc} (A)	9,22	9,40	9,49	
Module Efficiency η (%)	16,50%	17,10%	17,44V%	
Maximum Power Tolerance	+5W	+5W	+5W	



STC¹ = Irradiance of 1000 W/m², solar spectrum of AM 1.5, module temperature 25°C

General Characteristics

Dimensions (mm)	1640 x 992 x 35/40
Cell Type / Matrix	Poly 156 x 156 mm / 60 (6x10)
Weight	20Kg
Frame	Anodized aluminium alloy, silver/black
Operating Temperature	-40°C to +85°C
Junction Box / No. of Diodes	IP67 / 6 bypass diodes
Cable Length / Section	1200 mm / 4 mm
Maximum Series Fuse	10A
Front Glass	3.2 mm tempered glass
Wind / Snow Load	5400 / 2400 Pa
Connectors	MC4 compatible
Maximum System Voltage	DC 1000V (IEC)

Temperature Coefficients

Nominal Operating Cell Temp. (NOCT)	45°C ±2°C
Coeficiente de Temp. P _{MAX}	-0.410 %/°C
Coeficiente de Temp. I _{sc}	+0.050 %/°C
Coeficiente de Temp. U _{oc}	+0.050 %/°C

Warranty Information

30 year power output warranty	Min 90% within 10 years
12 year product warranty	Min 80% within 25 years

Certificados



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833[®]

Engineering Drawing

