

A-EXM **MONO**

MONOCRYSTALLINE 72 CELLS

OUTPUT:

380 WATT



EXE high efficiency mono-crystalline 72-cell series grants high performance and conversion efficiency over 19,60%. This series features a 40 mm anodized aluminium frame, which combines robustness to light weight, and a 3.2 mm anti-reflective glass optimizing panel performance to solar irradiance. EXE monocrystalline cells are based PERC-technology and rear passivated.



Guaranteed positive output
tolerance of 0/+5 Wp by
single measuring



Maximum 5400 N/m²
snow load



3,2 mm anti-reflective glass



Maximum stability through
aluminium frame Soft-Grip



15 years manufacturer's warranty
25 years linear performance guarantee

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Type	A-EXM380/156-72
Nominal output	380Wp
Nominal voltage U_{mpp}	40,40V
Nominal current I_{mpp}	9,42A
Short circuit current I_{sc}	10,00A
Open circuit voltage U_{oc}	49,00V
Module with version efficiency	19,60%

Electrical characteristics (at Standard Test Conditions (STC) of irradiance 1000W/m², spectrum AM 25°C)

Design	
Frontside	3,2 mm anti-reflective glass
Cells	72 cells monocrystalline high efficiency PERC 157x157 mm -5BB
Backside	Composite film
Frame	40mm silver anodized aluminium frame

Mechanical data	
LxWxH	1956 x 992 x 40 mm
Weight	23 kg with Frame

Temperature coeffi	
Voltage U_{oc}	-0,30%K
Corrente I_{SC}	+0,04%K
Output P_{mpp}	-0,42%K

Power	
Socket	Protection class IP 67
Wire	Approx 110 cm / 4 mm ²
Plug-in system	Plug / Socket IP 67

Limit values	
System voltage	1500 VDC
NOCT*	45°C +/- 2K
Wind load up	3600 Pa
Snow load up	5400 Pa
Reverse current feed IR	20,0 A

*NOCT, irradiance 800 W/m²; AM 1.5; wind speed 1 m/sec; Temperature 20°C)

