



MADE IN EUROPE



# Monocrystalline Photovoltaic Module

## Back2Power 180 - 200 W

MX72



**Italian production plant**  
assembling with european components



**Ultra-robust module**  
35 mm frame thickness



**Customized production**  
5 inch | 2BB



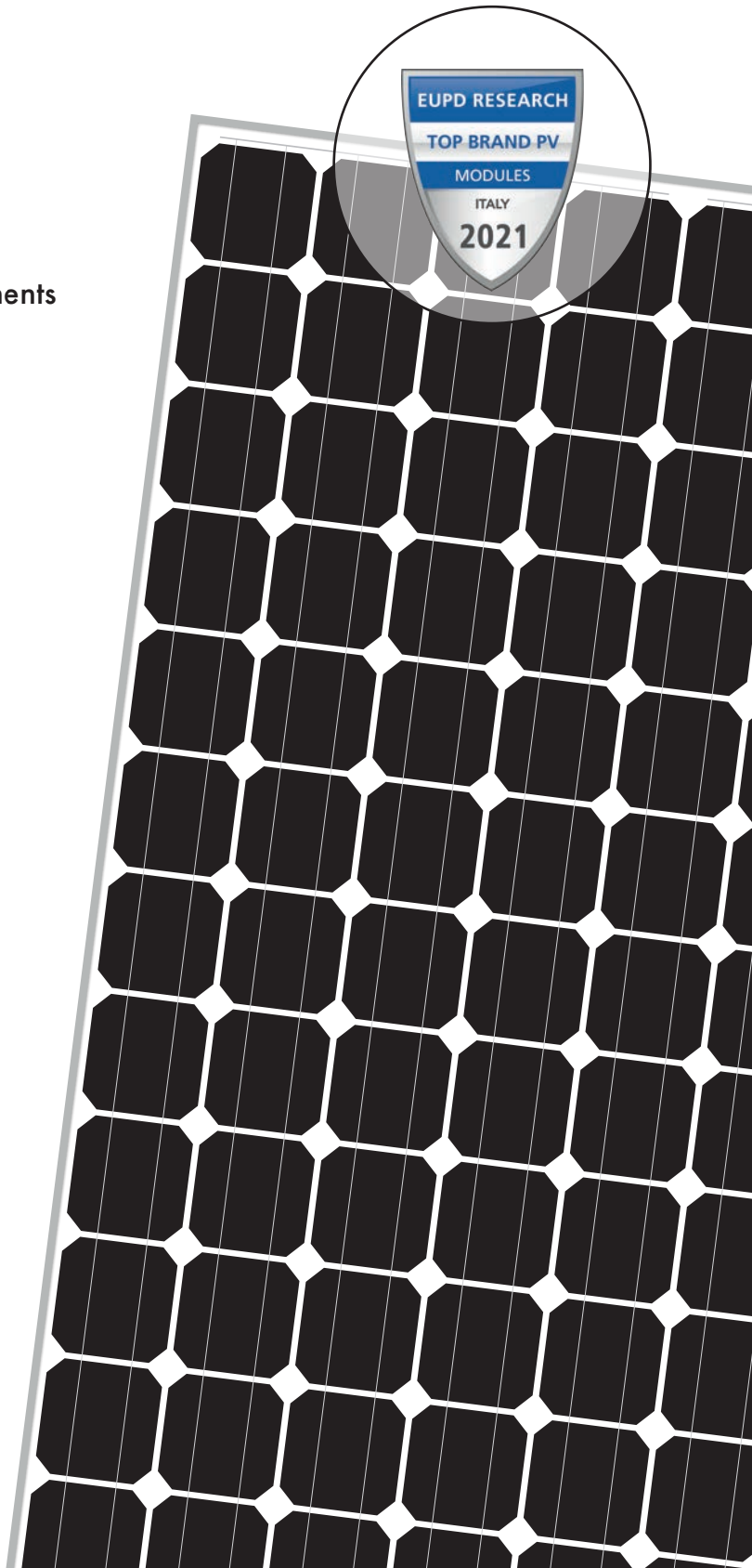
**Positive tolerance** in our  
modules with **0/+5 wp**



**Staübli connectors**  
upon request



[www.solarday.it](http://www.solarday.it)



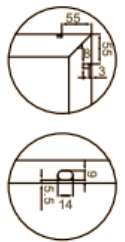
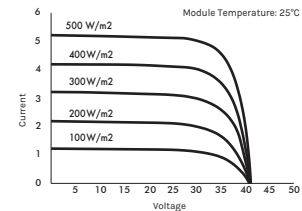
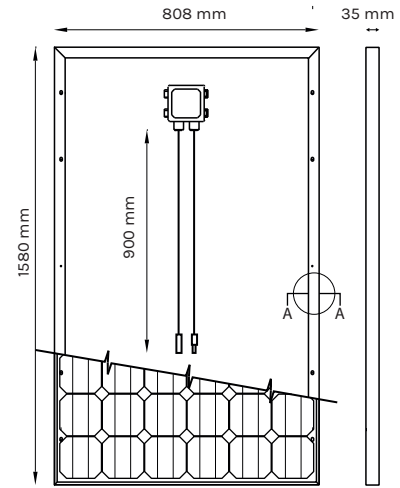
# Monocrystalline Photovoltaic Module

## Back2Power 180 - 200 W MX72



### TECHNICAL FEATURES

<b>Cells:</b>	72 (6x12) Monocrystalline Silicon
<b>Available in:</b>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">5"</div> Cut cells
<b>Frontal Glass:</b>	Glass with low iron content - thickness 3,2 mm Capa ARC < 20000 cd/m2 Frontal load (snow) 5400 Pa - Back load (wind) 2400 Pa
<b>Encapsulant:</b>	EVA (Etilen Vinil Acetato)
<b>Backsheet:</b>	Polymer sheet
<b>Frame:</b>	Silver anodized aluminum 15 micron Grounding holes (For more information please contact our sales team)
<b>Junction Box:</b>	IP67/IP68 - 1500 V with 3 by pass diodes Cables length 900 mm - Section: 4,0 mm <sup>2</sup> ± 1% tolerance Fire Class 1 approval (UNI 9177)
<b>Connectors:</b>	MC4 or compatible connector



### WEIGHT, DIMENSIONS AND PACKAGING

14 Kg | 1580 mm x 808 mm x 35 mm | 30 pcs Pallet | 960 pcs track

### ELECTRICAL CHARACTERISTICS \*

	<b>MX72 180W</b>	<b>MX72 185W</b>	<b>MX72 190W</b>	<b>MX72 195W</b>	<b>MX72 200W</b>
<b>Pmax (W)</b>	180	185	190	195	200
<b>Tolerance</b>	0/+5 W	0/+5 W	0/+5 W	0/+5 W	0/+5 W
<b>Vmpp (V)</b>	36.41	36.49	36.58	36.69	36.82
<b>Imp (A)</b>	5.06	5.15	5.24	5.35	5.47
<b>Voc (V)</b>	44.03	44.13	44.23	44.33	44.43
<b>Isc (A)</b>	5.08	5.18	5.28	5.38	5.48
<b>V</b>	1500	1500	1500	1500	1500
<b>Eff (%)</b>	14.10	14.49	14.88	15.27	15.67
<b>A</b>	15	15	15	15	15

\*NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m<sup>2</sup>, AM 1.5 and cells temperature of 25°C. Measurement tolerance +/-3% (AAA Solar simulation -IEC 60.904-9). All the information of this brochure may be amended without notice by Solarday. Consult the installation manual for more information.

### TEMPERATURE CHARACTERISTICS

<b>Temperature Coeff. of Voc:</b>	-0,32 % / °C
<b>Temperature Coeff. of Isc:</b>	+0,05 % / °C
<b>Temperature Coeff. of Pmax:</b>	-0,39 % / °C

### OPERATIVE CHARACTERISTICS

<b>Operating Temperature:</b>	from -40 °C a + 85 °C
<b>Hailstorm Resistance:</b>	Ø 28 mm, 86 Kg/h
<b>NMOT*:</b>	43 ± 2 °C

\*Nominal Module Operating Temperature: Irradiance 800W/m<sup>2</sup>; Air 20°C; Wind speed 1m/s

### WARRANTIES

**20 YEARS**  
Product Warranty

**25 YEARS**  
Linear Warranty

PREMIUM  
**+5**

### SOLARDAY CERTIFICATES

IEC 61215:2016 | EN 61730-1:2016 | EN 61730-2:2016  
 UNI 9177 Class 1 Fire Class | FIRE TEST MST23 CLASSE C  
 IEC 62716:2013 | IEC 61701:2011  
 ECOEM

UNI EN ISO 9001:2015  
 UNI EN ISO 14001:2015  
 UNI EN ISO 45001:2018  
 CE

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