



MADE IN EUROPE



Polycrystalline Photovoltaic Module

# Poly Classic 240 - 290 W

PX54 | PX60



**Italian production plant**  
assembling with european components



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



**Customized production**  
All Black | Translucent | Standard



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



**Staübli connectors**  
upon request



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

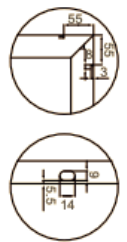
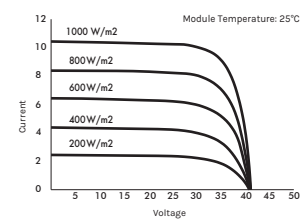
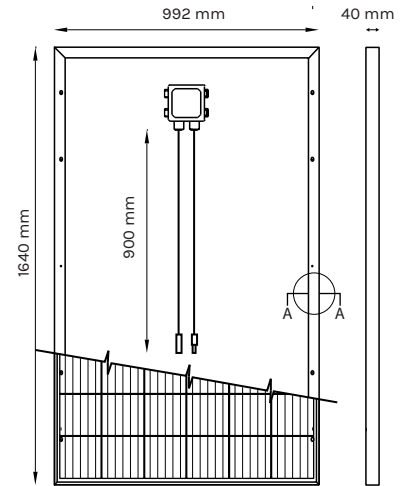
# Polycrystalline Photovoltaic Module

## Poly Classic 240 - 290 W PX54|PX60



### TECHNICAL FEATURES

<b>Cells:</b>	54 (6x9) - 60 (6x10) Polycrystalline Silicon
<b>Available in:</b>	<b>M2</b> Squared 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>	Black/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

**PX54|PX60:** 18 Kg | 1640 mm x 992 mm x 40 mm | 27pcs Pallet | 864 pcs track

### ELECTRICAL CHARACTERISTICS\*

	<b>PX54 240W</b>	<b>PX54 250W</b>	<b>PX54 260W</b>	<b>PX60 270W</b>	<b>PX60 280W</b>	<b>PX60 290W</b>
	<b>Back2Power</b>	<b>Back2Power</b>	<b>Back2Power</b>	STANDARD	STANDARD	STANDARD
<b>Pmax (W)</b>	240	250	260	270	280	290
<b>Tolerance</b>	0/+5 W	0/+5 W	0/+5 W	0/+5 W	0/+5 W	0/+5 W
<b>Vmpp (V)</b>	28.05	28.33	28.59	31.36	31.61	31.92
<b>Imp (A)</b>	8.57	8.12	9.09	8.61	8.86	9.09
<b>Voc (V)</b>	34.55	34.86	35.15	38.45	38.68	38.91
<b>Isc (A)</b>	9.03	9.32	9.56	9.11	9.35	9.55
<b>V</b>	1500	1500	1500	1500	1500	1500
<b>Eff (%)</b>	14.75	15.37	15.98	16.60	17.21	17.90
<b>A</b>	15	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>	-0,34 % / °C
<b>Temperature Coeff. of Isc:</b>	+0,04 % / °C
<b>Temperature Coeff. of Pmax:</b>	-0,43 % / °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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