



MADE IN EUROPE



Polycrystalline Photovoltaic Module

Back2Power 190 - 260 W

PX48 | PX54



Italian production plant
assembling with european components



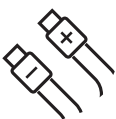
Ultra-robust module
40 mm frame thickness



Customized production
All Black | Translucent | Standard



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



Stäubli connectors
upon request



www.solarday.it

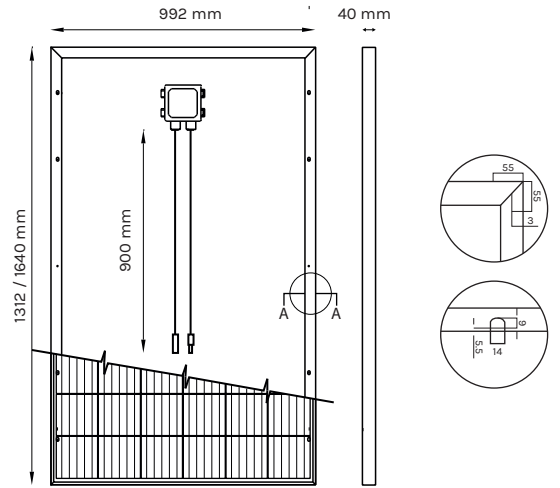
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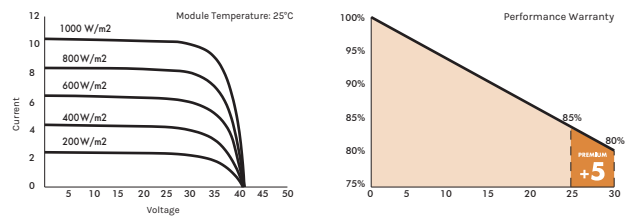
TECHNICAL FEATURES

Cells:	48 (6x8) - 54 (6x9) Polycrystalline Silicon
Available in:	M2
Frontal Glass:	Glass with low iron content - thickness 3,2 mm Capa ARC < 20000 cd/m ² Frontal load (snow) 5400 Pa - Back load (wind) 2400 Pa
Encapsulant:	EVA (Etilen Vinil Acetato)
Backsheet:	Polymer sheet white
Frame:	Silver anodized aluminum 15 micron Grounding holes (For more information please contact our sales team)
Junction Box:	IP67/IP68 - 1500 V with 3 by pass diodes Cables length 900 mm Section: 4,0 mm ² ± 1% tolerance Fire Class 1 approval (UNI 9177)
Connectors:	MC4 or compatible connector



WEIGHT, DIMENSIONS AND PACKAGING

PX48:	14 Kg 1312 mm x 992 mm x 40 mm 27 pcs pallet 864 pcs truck
PX54:	18 Kg 1640 mm x 992 mm x 40 mm 27 pcs pallet 864 pcs truck



ELECTRICAL CHARACTERISTICS *

	PX48 190W	PX48 200W	PX48 210W	PX54 230W	PX54 240W	PX54 250W	PX54 260W
Peak power: Pmax (W)	190	200	210	230	240	250	260
Classification tolerance:	0/+5 W	0/+5 W	0/+5 W	0/+5 W	0/+5 W	0/+5 W	0/+5 W
Voltage Pmax: Vmpp (V)	23.31	23.59	23.89	27.78	28.05	28.33	28.59
Current Pmax: Impp (A)	8.27	8.55	8.80	8.30	8.57	8.83	9.11
Open circuit voltage: Voc (V)	29.66	29.94	30.23	34.25	34.55	34.86	35.15
Short-circuit current: Isc (A)	8.75	9.03	9.28	8.76	9.03	9.32	9.56
Maximum system voltage: (V)	1500	1500	1500	1500	1500	1500	1500
Module efficiency: (%)	14.60	15.37	16.14	14.14	14.75	15.37	15.98
Maximum fuse rating: (A)	15	15	15	15	15	15	15

*STC values: 1000W/m², AM 1.5, temperature 25°C. Measurement tolerance +/-3% (AAA Solar simulation - IEC 60.904-9).

TEMPERATURE CHARACTERISTICS

Temperature Coeff. of Voc:	-0,34 % / °C
Temperature Coeff. of Isc:	+0,04 % / °C
Temperature Coeff. of Pmax:	-0,43 % / °C

OPERATIVE CHARACTERISTICS

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

*Nominal Module Operating Temperature: Irradiance 800W/m², Temperature 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

Read the instruction manual for this product before proceeding with the installation. All information in this brochure can be changed without notice by Solarday.

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Solarday_PX48|PX54_190-260_1/07/2022_REV.2_EN
Specifications included in this datasheet are subject to change without notice.