

# PHOTOVOLTAIC MODULE POLY 54 CELLS

**PX54**  
230-245 W

**B2P** BACK 2 POWER

**MADE IN ITALY**



**POSITIVE** POWER OUTPUT TOLERANCE 0/+5 W<sub>p</sub>



**EXCELLENT PERFORMANCE**  
UNDER DIFFERENT LIGHT CONDITIONS



**30 YEARS** LINEAR POWER WARRANTY  
**20 YEARS** PRODUCT WARRANTY



**IP67** JUNCTION BOX



COMPACT AND ULTRA-LIGHT **ALUMINUM FRAME**  
THICKNESS: 40mm

IEC 61215:2005 |  
EN 61730-1:2013 | EN 61730-2:2012 |  
FIRE TEST MST23 CLASS C  
IEC 62716:2013 | IEC 61701:2011  
ECOEM | CE |

UNI EN ISO 9001:2015  
UNI EN ISO 14001:2015  
UNI EN BS OHSAS 18001:2007

FACTORY INSPECTION MADE IN EU

THE STRENGTHS OF SOLARDAY® MODULES ARE ACHIEVED BY HIGH QUALITY PRIME MATERIALS AND PRODUCTION 100% MADE IN ITALIAN FACILITIES.

**BACKSHEET**  **WHITE**

**FRAME**  **SILVER**

**CELLS** **TYPE**  
**POLY**

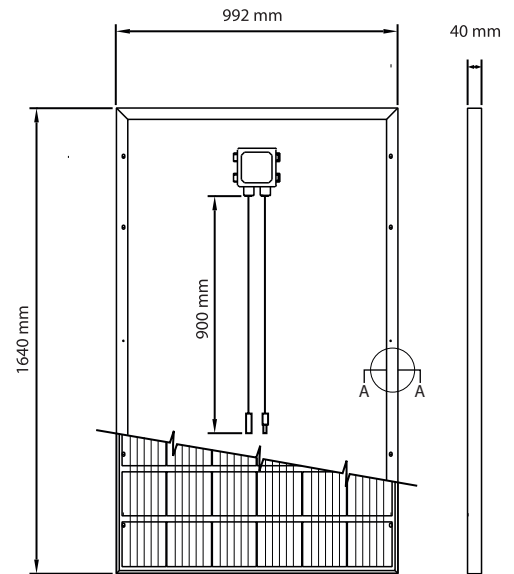
**QTY**  
**54 pcs (6x9)**

**DIMENSIONS**  
**156.75x156.75 mm | 6.2x6.2"**



## CHARACTERISTICS

Length:	1640 mm
Width:	992 mm
Thickness:	40 mm
Weight:	18 Kg
Material of Cells:	Polycrystalline Silicon
Dimensions of Cells:	156.75 x 156.75 mm
Qty of Cells:	54 (6x9)
Frontal Glass:	Glass with low iron content, thickness 3.2 mm
Encapsulant:	EVA (Ethylene Vinyl Acetate)
Backsheet:	PYE/PPE
Frame:	Anodized aluminum 15 micron
Junction Box:	1 Junction box IP67 - 1500 V with 3 by pass diodes
Connectors:	MC4 or compatible connector
Cables:	Unipolar Type, Length 900mm - Sec: 4.0 mm <sup>2</sup>



## PACKAGING

Pallet Dimensions:	1700x1100x1200 mm (possibility to stack up to two)
Pcs per Pallet:	27 pcs
Weight:	516 Kg

## ELECTRICAL CHARACTERISTICS\*

		230W	235W	240W	245W
Nominal Output(0/+4.99W):	<b>Pmax (W)</b>	230	235	240	245
Max. Voltage:	<b>Vmpp (V)</b>	27.78	27.91	28.05	28.18
Max. Current:	<b>Imp (A)</b>	8.30	8.43	8.57	8.70
Open Circuit Voltage:	<b>Voc (V)</b>	34.25	34.41	34.55	34.69
Short Circuit Current:	<b>Isc (A)</b>	8.76	8.89	9.03	9.17
Max. System Voltage:	<b>V</b>	1500	1500	1500	1500
Module Efficiency:	<b>%</b>	14.14	14.44	14.75	15.06

\*STC:1000W/m<sup>2</sup> - AM 1,5 - 25°C

in case of integration/replacement into PV plants installed with 60 cells modules, kindly check carefully the current and voltage values of the strings

## TEMPERATURE CHARACTERISTICS

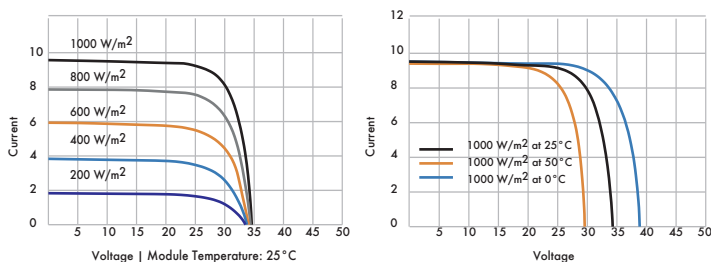
Temperature Coeff. of Voc:	-0,34 % / °C
Temperature Coeff. of Isc:	+0,04 % / °C
Temperature Coeff. of Pmax:	-0,43 % / °C
NOCT:	43 ± 2 °C

## OPERATIVE CHARACTERISTICS

Operating Temperature:	from -40 °C to + 85 °C
Max. Superficial Load:	Over 5400 Pa
Hailstorm Resistance:	Ø 28 mm, 86 Km/h
Fire Test MST 23:	Class C

## CURRENT/VOLTAGE CHARACTERISTICS

VALUES APPLY TO MODULE 240W



## LINEAR PERFORMANCE WARRANTY

20 YEARS Product Warranty | 30 YEARS Linear Power Warranty

