

PHOTOVOLTAIC MODULE

# PX48



BACKSHEET WHITE



FRAME SILVER

**TYPE**

POLY 5BB

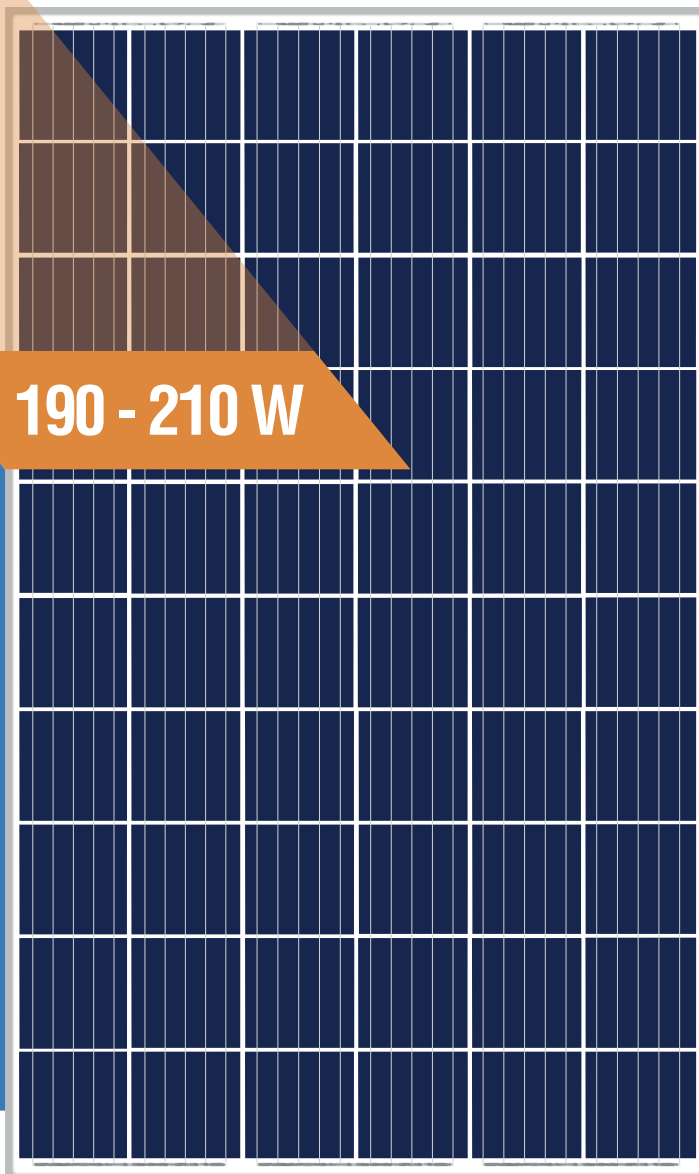
**QTY**

48 pcs (6x8)

**DIMENSIONS**

156.75 x 156.75 mm | 6.25 x 6.25"

**190 - 210 W**



**MADE IN ITALY**



**EXCELLENT PERFORMANCE**  
UNDER DIFFERENT LIGHT CONDITIONS



**POSITIVE POWER OUTPUT TOLERANCE 0/+5 Wp**



**IP67**

**IP67 JUNCTION BOX**



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



**LINEAR PERFORMANCE WARRANTY**

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

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

**CERTIFICATIONS:**

**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**  
**UNI EN ISO 45001:2018**

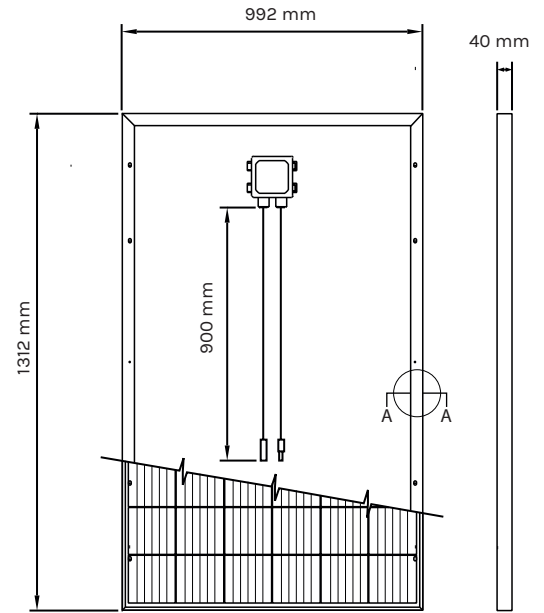
**FACTORY INSPECTION MADE IN EU**



[WWW.SOLARDAY.IT](http://WWW.SOLARDAY.IT) | [INFO@SOLARDAY.IT](mailto:INFO@SOLARDAY.IT)

### CHARACTERISTICS

Length:	1312 mm
Width:	992 mm
Thickness:	40 mm
Weight:	14 Kg
Material of Cells:	Polycrystalline Silicon
Dimensions of Cells:	156.75 x 156.75 mm
Qty of Cells:	48 (6x8)
Frontal Glass:	Glass with low iron content, thickness 3.2 mm
Encapsulant:	EVA (Etilen Vinil Acetato)
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:	400 Kg

### ELECTRICAL CHARACTERISTICS\*

		190W	195W	200W	205W	210W
Nominal Output(0/+4.99W):	Pmax (W)	190	195	285	205	210
Max. Voltage:	Vmpp (V)	23.31	23.45	23.59	23.70	23.89
Max. Current:	Impp (A)	8.27	8.41	8.55	8.64	8.80
Open Circuit Voltage:	Voc (V)	29.66	29.80	29.94	30.11	30.23
Short Circuit Current:	Isc (A)	8.75	8.89	9.03	9.16	9.28
Max. System Voltage:	V	1500	1500	1500	1500	1500
Module Efficiency:	%	14.60	14.98	15.37	15.75	16.14
Maximum nominal amperage value of fuse:	A	15	15	15	15	15

\*STC:1000W/Mq - AM 1,5 - 25°C

### TEMPERATURE CHARACTERISTICS

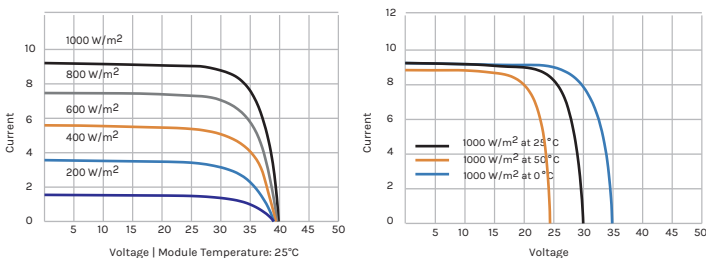
Temperature Coeff. of Voc:	-0,34 % / °C
Temperature Coeff. of Isc:	+0,04 % / °C
Temperature Coeff. of Pmax:	-0,43 % / °C
NOCT:	43 ± 2 °C

### OPERATIVE CHARACTERISTICS

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

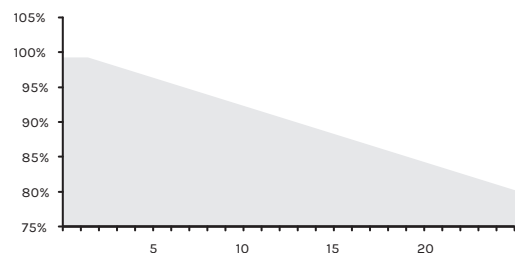
### CURRENT/VOLTAGE CHARACTERISTICS

VALUES APPLY TO MODULE 200W



### LINEAR PERFORMANCE WARRANTY

20 YEARS Product Warranty | 30 YEARS Linear Power Warranty



FOR MORE DETAILED INSTRUCTIONS, SEE THE INSTALLATION MANUAL

