

PHOTOVOLTAIC MODULE
MPS72

 BACKSHEET WHITE

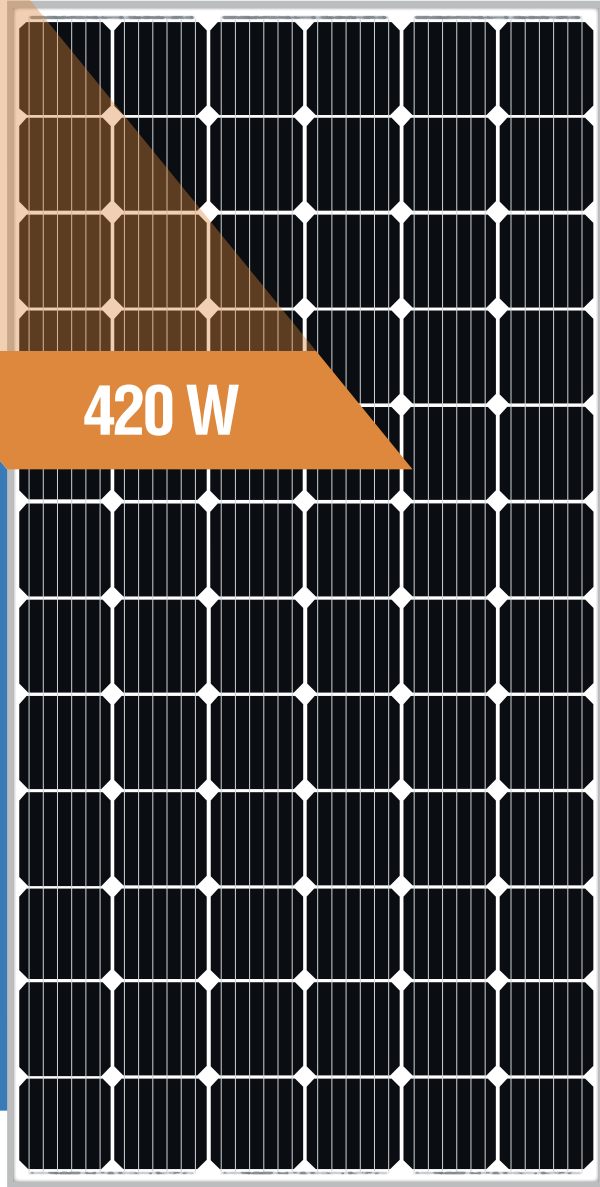
 FRAME SILVER

TYPE
MONO 6BB / 9BB M6 PERC


QTY
72 pcs (6x12)

DIMENSIONS
166 x 166 mm | 6.53 x 6.53"

420 W





 **MADE IN ITALY**

 **EXCELLENT PERFORMANCE**
UNDER DIFFERENT LIGHT CONDITIONS

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

 **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 61215:2016
EN 61730-1:2016 | EN 61730-2:2016
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

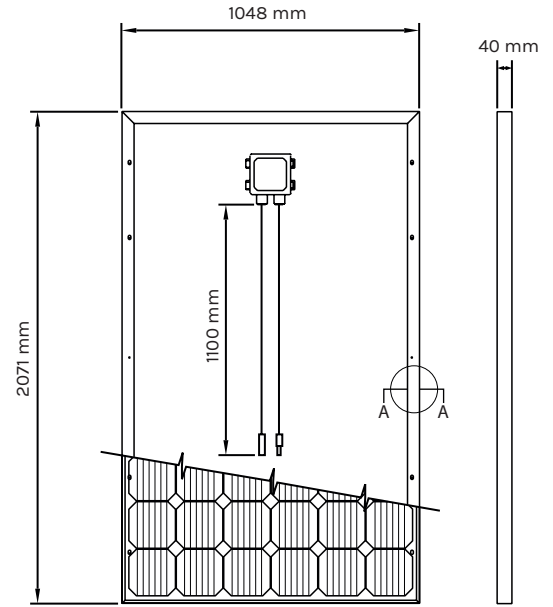
FACTORY INSPECTION MADE IN EU



WWW.SOLARDAY.IT | INFO@SOLARDAY.IT

CHARACTERISTICS

Length:	2071 mm
Width:	1048 mm
Thickness:	40 mm
Weight:	24 Kg
Material of Cells:	M6 Monocrystalline Silicon PERC
Dimensions of Cells:	166 x 166 mm
Qty of Cells:	72 (6x12)
Frontal Glass:	Glass with low iron content, thickness 3.2 mm
Encapsulant:	EVA (Etilen Vinil Acetato)
Backsheet:	PYE/TPT
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 1100mm - Sec: 4.0 mm ²



PACKAGING

Pallet Dimensions:	2100x1200x1210 mm (possibility to stack up to two)
Pcs per Pallet:	27 pcs
Weight:	650 Kg

ELECTRICAL CHARACTERISTICS*

		420W
Nominal Output(0/+4.99W):	Pmax (W)	420
Max. Voltage:	Vmpp (V)	40.8
Max. Current:	Imp (A)	10.30
Open Circuit Voltage:	Voc (V)	48.96
Short Circuit Current:	Isc (A)	10.91
Max. System Voltage:	V	1500
Module Efficiency:	%	19.35
Maximum nominal amperage value of fuse:	A	15

*STC:1000W/Mq - AM 1,5 - 25°C

TEMPERATURE CHARACTERISTICS

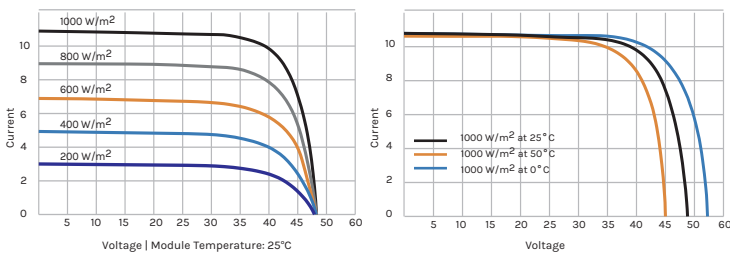
Coeff. Temperatura VOC:	-0,28 % / °C
Coeff. Temperatura Isc:	+0,042 % / °C
Coeff. Temperatura Pmax:	-0,37 % / °C
NOCT:	43 ± 2 °C

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

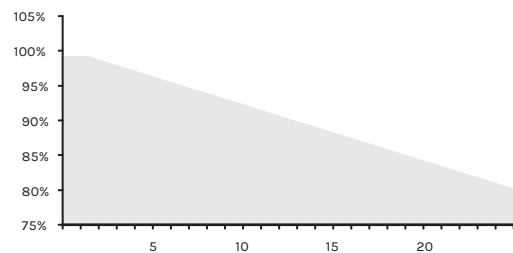
CURRENT/VOLTAGE CHARACTERISTICS

VALUES APPLY TO MODULE 420W



LINEAR PERFORMANCE WARRANTY

20 YEARS Product Warranty | 30 YEARS Linear Power Warranty



FOR MORE DETAILED INSTRUCTIONS, SEE THE INSTALLATION MANUAL

