



MADE IN EUROPE



Monocrystalline Photovoltaic Module

Mono Classic 370 - 420 W

SDM72 | BPM72 | MPS72



Italian production plant
assembling with european components



Certisolis | CO2
approved for France



Customized production
All Black | Translucent | Standard



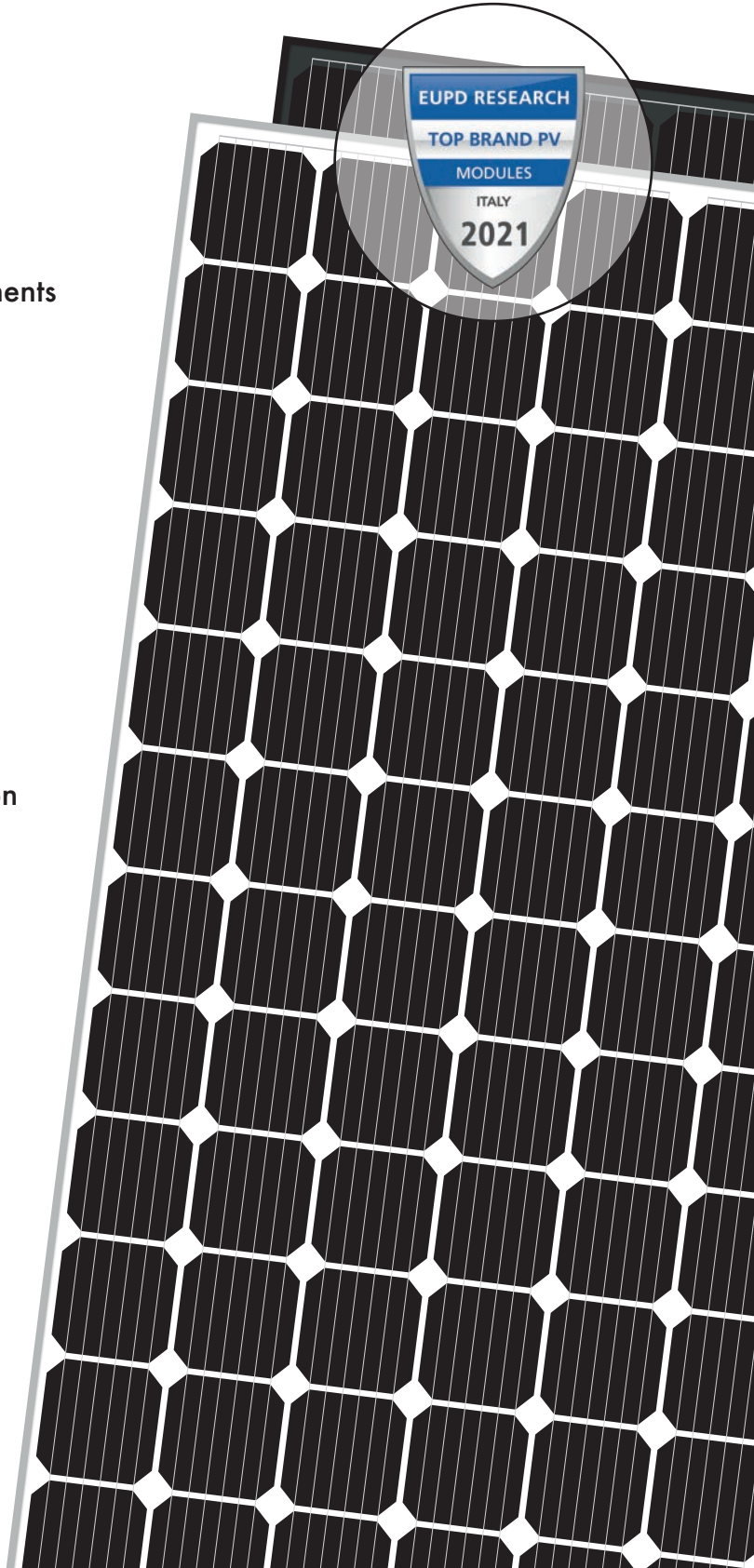
6/9 Multibusbars cell connection



Staübli connectors
upon request



www.solarday.it



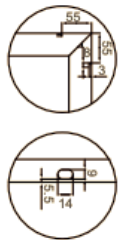
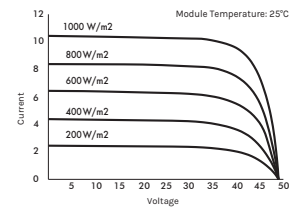
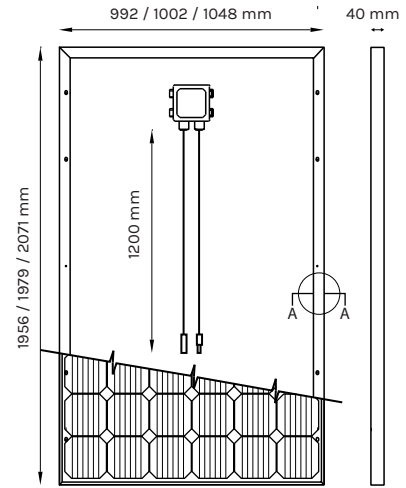
Monocrystalline Photovoltaic Module

Mono Classic 370 - 420 W SDM72 | BPM72 | MPS72



TECHNICAL FEATURES

Cells:	72 (6x12) Monocrystalline Silicon PERC
Available in:	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">M3</div> Squared cells <div style="border: 1px solid black; padding: 2px 5px;">M2</div> <div style="border: 1px solid black; padding: 2px 5px;">M6</div> Cut cells </div>
Frontal Glass:	Glass with low iron content - thickness 3,2 mm Capa ARC < 20000 cd/m2 Frontal load (snow) 5400 Pa - Back load (wind) 2400 Pa
Encapsulant:	EVA (Etilen Vinil Acetato)
Backsheet:	Polymer sheet
Frame:	Black/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 1200 mm - Section: 4,0 mm ² ± 1% tolerance Fire Class 1 approval (UNI 9177)
Connectors:	MC4 or compatible connector



WEIGHT, DIMENSIONS AND PACKAGING

SDM72:	21,5 Kg 1956 mm x 992 mm x 40 mm 27pcs Pallet 702 pcs track
BPM72:	22 Kg 1979 mm x 1002 mm x 40 mm 27pcs Pallet 702 pcs track
MPS72:	24 Kg 2071 mm x 1048 mm x 40 mm 27pcs Pallet 648 pcs track

ELECTRICAL CHARACTERISTICS *

	SDM72 370W	BPM72 400W	MPS72 420W
Pmax (W)	370	400	420
Tolerance	0/+5 W	0/+5 W	0/+5 W
Vmpp (V)	38.95	41.30	40.8
Impp (A)	9.50	9.69	10.30
Voc (V)	47.71	50.39	48.96
Isc (A)	10.02	10.26	10.91
V	1500	1500	1500
Eff (%)	19.07	20.17	19.35
A	15	15	15

*NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², 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

Temperature Coeff. of Voc:	-0,28 % / °C
Temperature Coeff. of Isc:	+0,042 % / °C
Temperature Coeff. of Pmax:	-0,37 % / °C

OPERATIVE CHARACTERISTICS

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

*Nominal Module Operating Temperature: Irradiance 800W/m²; Air 20°C; Wind speed 1m/s

SOLARDAY WARRANTIES

20 YEARS
Product Warranty

25 YEARS
Linear Warranty

PREMIUM
+5

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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