



MADE IN EUROPE



Monocrystalline Photovoltaic Module Colored 290 - 350 W

Red | Green | Gold



Italian production plant
assembling with european components



Ultra-robust module
40 mm frame thickness



Customized production
Red RAL 8015 | Green RAL 6007



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



Stäubli connectors
upon request



www.solarday.it

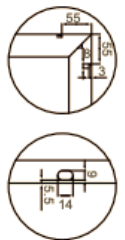
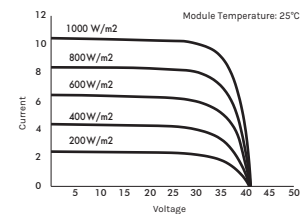
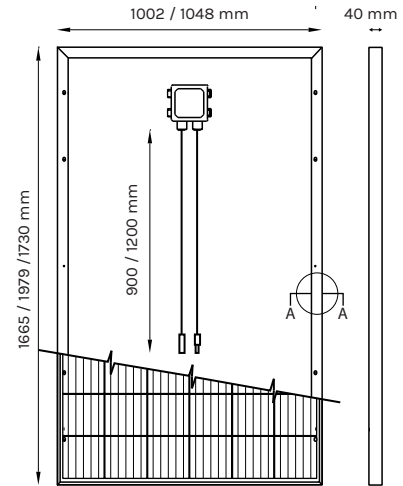
Monocrystalline Photovoltaic Module

Colored 290 - 350 W Red | Green | Gold



TECHNICAL FEATURES

Cells:	60 (6x10) - 72 (6x12) Monocrystalline Silicon PERC
Available in:	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin: 2px;">M3</div> Squared cells <div style="border: 1px solid black; padding: 2px; margin: 2px;">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:	Red RAL 8015/Green RAL 6007 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 900/1200 mm - Section: 4,0 mm ² ± 1% tolerance Fire Class 1 approval (UNI 9177)
Connectors:	MC4 or compatible connector



WEIGHT, DIMENSIONS AND PACKAGING

BPM60:	19 Kg 1665 mm x 1002 mm x 40 mm 27pcs Pallet 810 pcs track
BPM72:	22 Kg 1979 mm x 1002 mm x 40 mm 27pcs Pallet 702 pcs track
MPS60:	20 Kg 1730 mm x 1048 mm x 40 mm 27pcs Pallet 756 pcs track

ELECTRICAL CHARACTERISTICS *

	BPM60 290W	MPS60 300W	BPM72 350W
Pmax (W)	290	300	350
Tolerance	0/+5 W	0/+5 W	0/+5 W
Vmpp (V)	32.74	33.64	39.3
Imp (A)	8.88	8.92	8.94
Voc (V)	39.96	40.38	47.95
Isc (A)	9.40	9.55	9.46
V	1500	1500	1500
Eff (%)	17.83	17.98	17.65
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:	-0,31 % / °C
Temperature Coeff. of Isc:	+0,04 % / °C
Temperature Coeff. of Pmax:	-0,39 % / °C

OPERATIVE CHARACTERISTICS

Operating Temperature:	from -40 °C a + 85 °C
Hailstorm Resistance:	Ø 55 mm, 86 Kg/h
NMOT*:	43 ± 2 °C

*Nominal Module Operating Temperature: Irradiance 800W/m²; Air 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

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