



MADE IN EUROPE



Monocrystalline Photovoltaic Module

Mono Classic 310 - 350 W

SDM60 | BPM60 | MPS60



Italian production plant
assembling with european components



Certisolis | CO2
approved for France



Customized production
All Black | Translucent | Standard



6/9 Multibusbars cell connection



Stäubli connectors
upon request



www.solarday.it

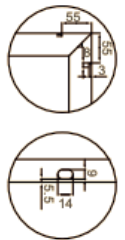
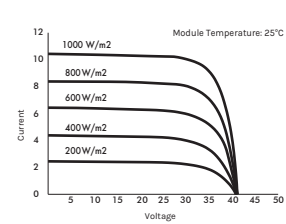
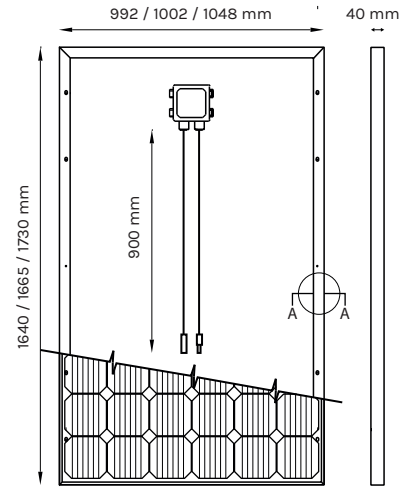
Monocrystalline Photovoltaic Module

Mono Classic 310 - 350 W SDM60|BPM60|MPS60



TECHNICAL FEATURES

Cells:	60 (6x10) Monocrystalline Silicon PERC
Available in:	<div style="display: flex; align-items: center; gap: 20px;"> <div style="border: 1px solid black; padding: 2px 5px;">M3</div> Squared cells <div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px 5px;">M2</div> <div style="border: 1px solid black; padding: 2px 5px;">M6</div> </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 900 mm - Section: 4,0 mm ² ± 1% tolerance Fire Class 1 approval (UNI 9177)
Connectors:	MC4 or compatible connector



WEIGHT, DIMENSIONS AND PACKAGING

SDM60:	18 Kg 1640 mm x 992 mm x 40 mm 27pcs Pallet 864 pcs track
BPM60:	19 Kg 1665 mm x 1002 mm x 40 mm 27pcs Pallet 810 pcs track
MPS60:	20 Kg 1730 mm x 1048 mm x 40 mm 27pcs Pallet 756 pcs track

ELECTRICAL CHARACTERISTICS*

	SDM60 310W	SDM60 315W	BPM60 330W	BPM60 330W	MPS60 345W	MPS60 350W
	ALL BLACK	STANDARD	ALL BLACK	STANDARD	ALL BLACK	STANDARD
Pmax (W)	310	315	330	330	345	350
Tolerance	0/+5 W	0/+5 W	0/+5 W	0/+5 W	0/+5 W	0/+5 W
Vmpp (V)	32.30	32.42	33.32	33.24	33.6	33.9
Imp (A)	9.60	9.73	9.90	9.93	10.27	10.33
Voc (V)	40.37	40.49	40.83	40.72	40.3	40.7
Isc (A)	9.98	10.09	10.52	10.48	10.87	10.94
V	1500	1500	1500	1500	1500	1500
Eff (%)	19.05	19.36	19.78	19.78	19.03	19.30
A	15	15	15	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

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

Office (ES)

Carrer de les Garrigues 17 p.1
46001 Valencia, España
contact@solarday.it +34962071775

Office (IT)

Via privata Antonio Meucci 67
20128 Milano, Italy
contact@solarday.it +39022594171

Factory

Località Merlaro 1, 25070
Nozza di Vestone (BS), Italy
contact@solarday.it