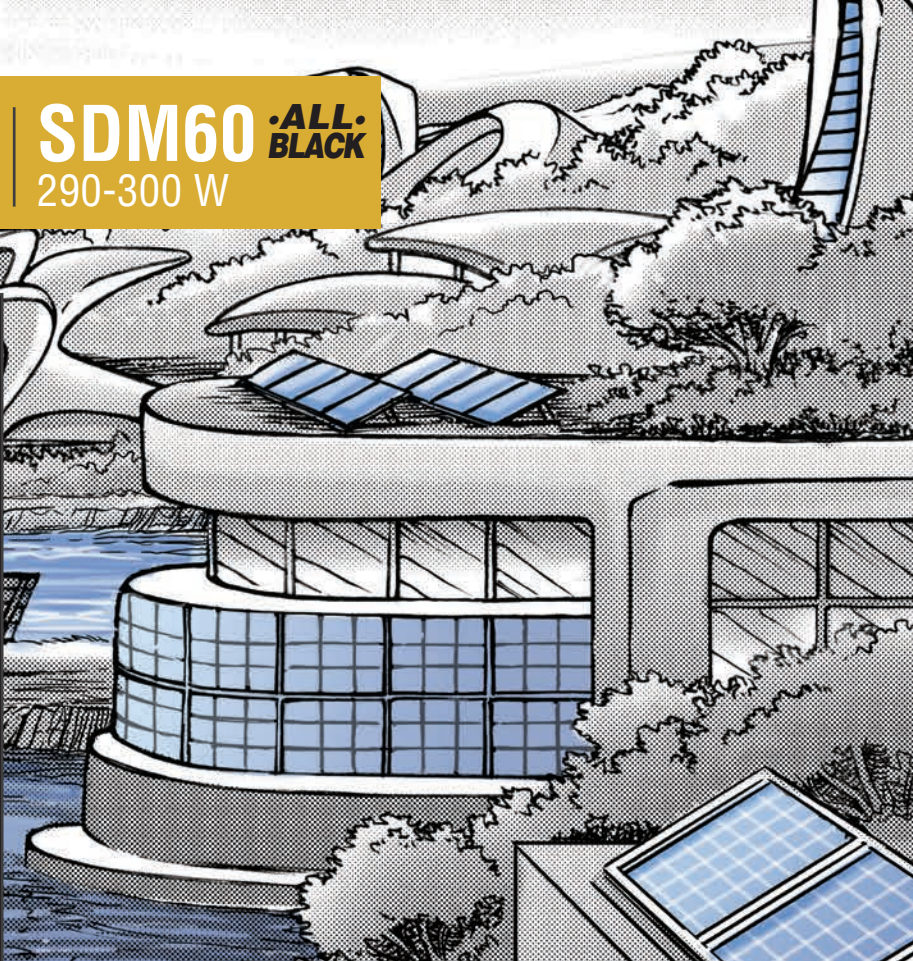
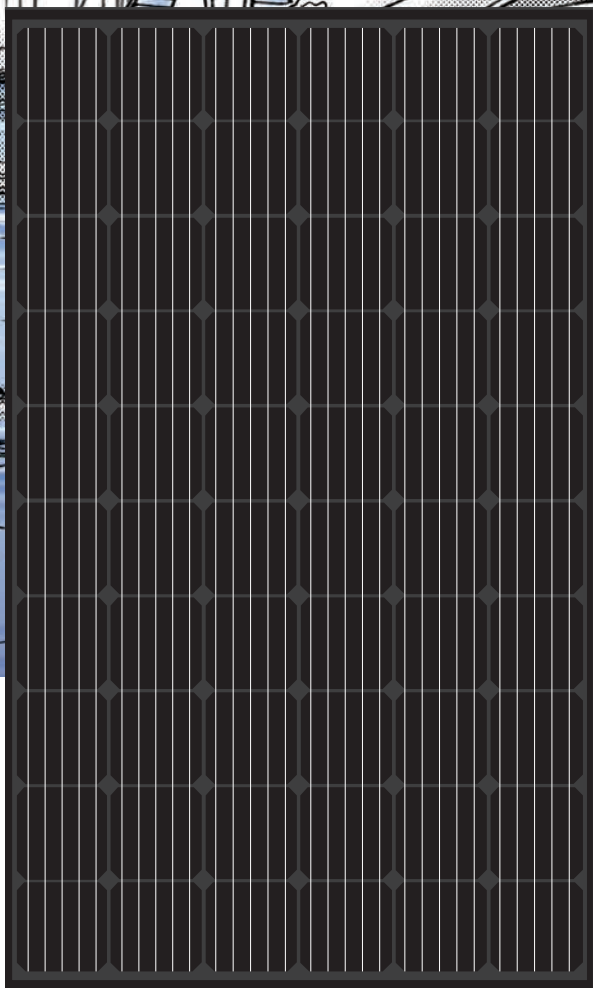


PHOTOVOLTAIC MODULE MONO 60 CELLS

SDM60 **ALL-
BLACK**
290-300 W



MADE IN ITALY

Backsheet



BLACK

Frame



BLACK

Cells

Type
MONO

Qty
60 pcs (6x10)

Dimensions:
156,5x156,5 mm · 6x6"



POSITIVE POWER OUTPUT TOLERANCE 0/+5 W_p



EXCELLENT PERFORMANCE
UNDER DIFFERENT LIGHT CONDITIONS



30 YEAR LINEAR POWER WARRANTY
20 YEAR PRODUCT WARRANTY



IP67 JUNCTION BOX



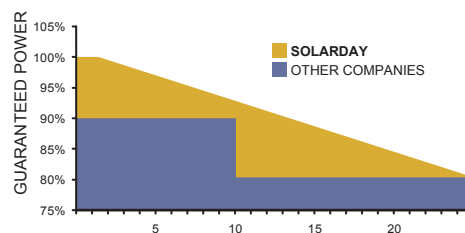
COMPACT AND ULTRA-LIGHT **ALUMINUM FRAME**
THICKNESS: 40mm



5400Pa TO SNOW LOAD
2400Pa TO WIND PRESSURE

LINEAR PERFORMANCE WARRANTY

20 Year Product Warranty · 30 Year Linear Power Warranty

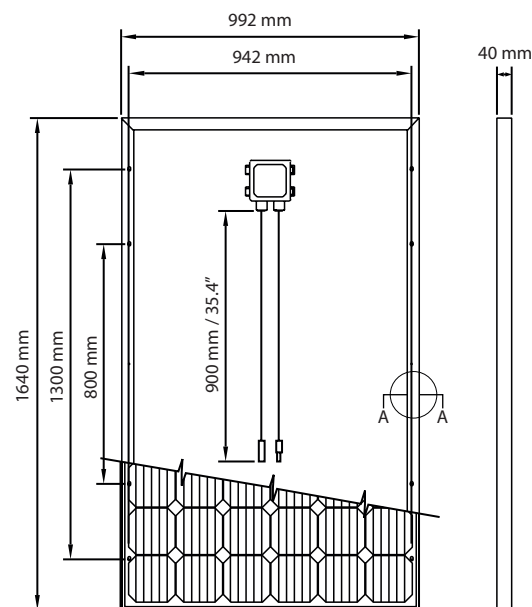


PHOTOVOLTAIC MODULE MONO 60 CELLS

SDM60 **ALL-BLACK**
290-300 W

CHARACTERISTICS

Length:	1640 mm
Width:	992 mm
Thickness:	40 mm
Weight:	18 Kg
Material of Cells:	Monocrystalline Silicon
Dimensions of Cells:	156,5 x 156,5 mm
Qty of Cells:	60 (6x10)
Frontal Glass:	Glass with low iron content, thickness 3.2 mm
Encapsulant:	EVA (Ethylene Vinyl Acetate)
Back Protection:	PYE/PPE/Tedlar
Frame:	Anodized Aluminum alloy, double wall
Junction Box:	N° 1 scatola IP67 - 1500 V - con 3 diodi di by-pass
Connectors:	MC4 or compatible connector
Cables:	Unipolar Type, Length 900mm - Sec: 4.0 mm ²



PACKAGING

Pallet Dimensions:	1700x1100x1200 (possibility to stacked up to two)
Pcs per Pallet:	27 pcs
Weight:	516 Kg

ELECTRICAL CHARACTERISTICS

		290W	295W	300W
Nominal Output(0/+5W):	Pmax (W)	290	295	300
Max. Voltage:	Vmpp (V)	31.83	31.95	32.07
Max. Current:	Impp (A)	9.13	9.25	9.37
Open Circuit Voltage:	Voc (V)	39.67	39.87	40.12
Short Circuit Current:	Isc (A)	9.54	9.63	9.73
Max. System Voltage:	V	1500	1500	1500
Module Efficiency:	%	17.83	18.13	18.44

TEMPERATURE CHARACTERISTICS

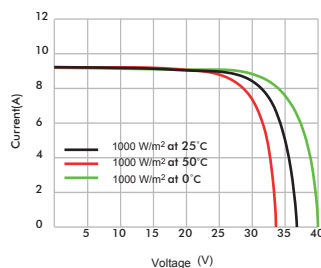
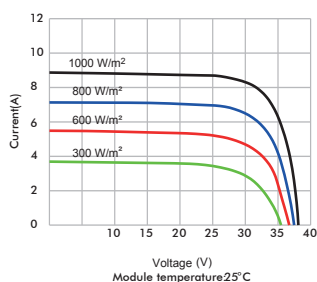
Temperature Coeff. of Voc:	-0,31 % / °C
Temperature Coeff. of Isc:	+0,04 % / °C
Temperature Coeff. of Pmax:	-0,41 % / °C
NOCT:	43 ± 2 °C

OPERATIVE CHARACTERISTICS

Operating Temperature:	to -40°C from +85°C
Max. Superficial Load:	Over 540 Kg/m ²
Hailstorm Resistance:	Ø 28 mm, 86 Km/h
Fire Resistance Rating:	1

CURRENT/VOLTAGE CHARACTERISTICS

VALUES APPLY TO MODULE 300W



CERTIFICATIONS



ISO 9001:2008
ISO 14001:2004
BS OHSAS 18001:2007



ECOEM
riciclo e gestione dei rifiuti



Specifications may change in any moment without prior notice.

06/07/2018_REV.2_EN

Solarday guarantees:

- Power not less than 80% of the initial value after 30 years
- 20 year warranty on the mechanical part
- Made in EU product

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Via Meucci, 67-20128 Milano