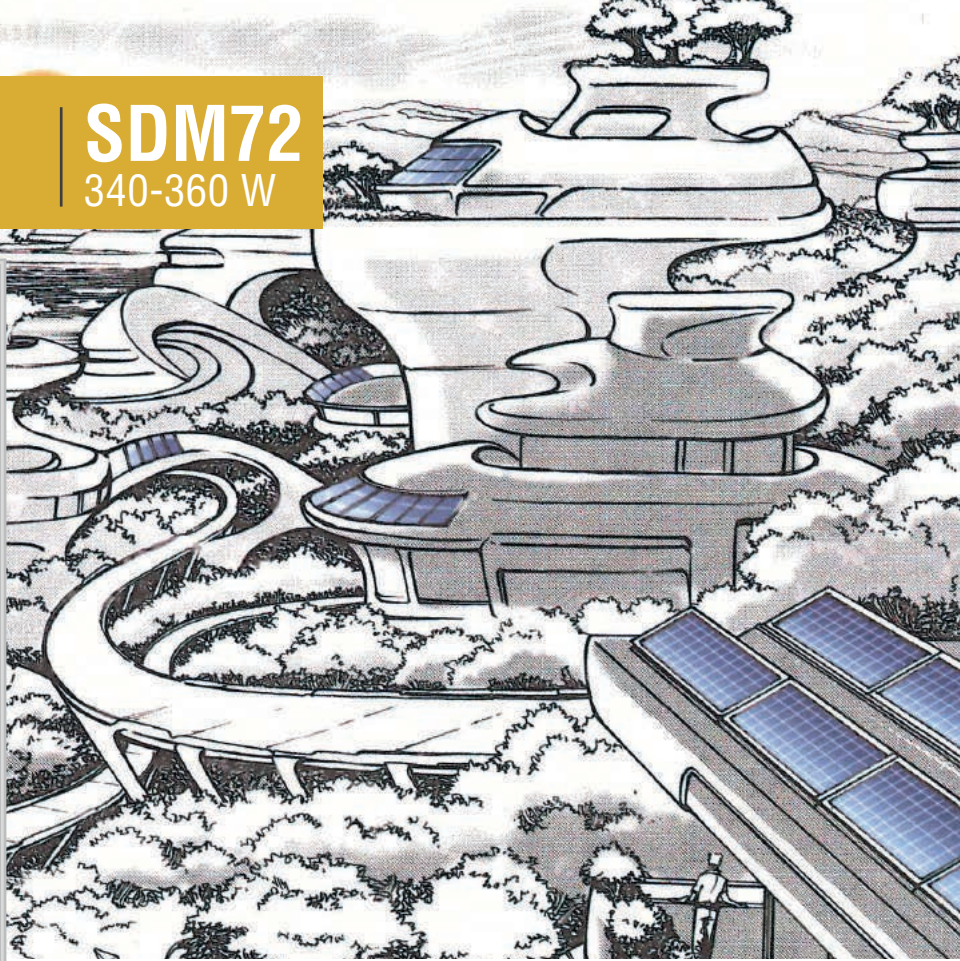
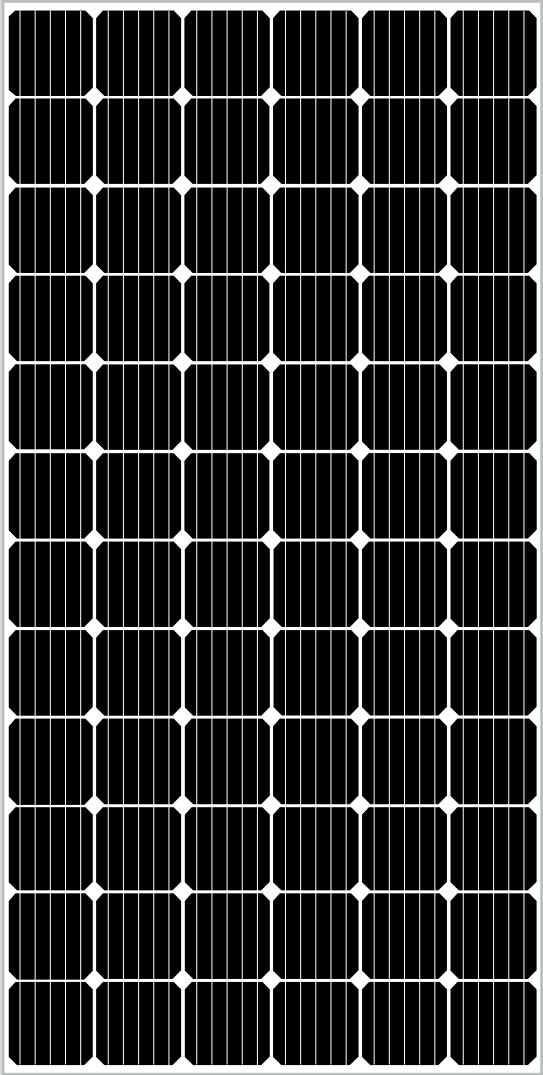


# PHOTOVOLTAIC MODULE MONO 72 CELLS

**SDM72**  
340-360 W



MADE IN ITALY

### Backsheet

WHITE

### Frame

BLACK  SILVER

### Cells

Type  
**MONO**

Qty  
**72 pcs (6x12)**

Dimensions:  
**156,5x156,5 mm · 6x6"**



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



**EXCELLENT PERFORMANCE**  
UNDER DIFFERENT LIGHT CONDITIONS



**30 YEAR** LINEAR POWER WARRANTY  
**20 YEAR** PRODUCT WARRANTY



**IP67** JUNCTION BOX



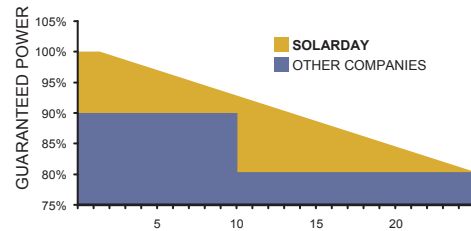
COMPACT AND ULTRA-LIGHT **ALUMINUM FRAME**  
THICKNESS: 40mm



**5400Pa TO SNOW LOAD**  
**2400Pa TO WIND PRESSURE**

### LINEAR PERFORMANCE WARRANTY

20 Year Product Warranty • 30 Year Linear Power Warranty



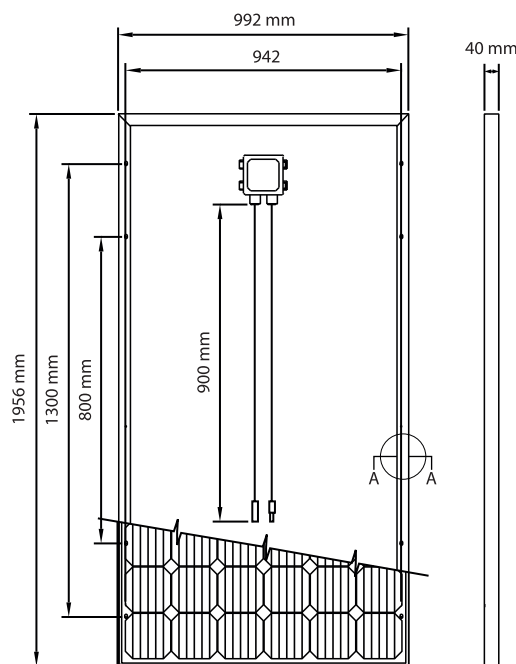
# PHOTOVOLTAIC MODULE MONO 72 CELLS

# SDM72

340-360 W

## CHARACTERISTICS

Length:	1956 mm
Width:	992 mm
Thickness:	40 mm
Weight:	22.5 Kg
Material of Cells:	Monocrystalline Silicon
Dimensions of Cells:	156,5 x 156,5 mm
Qty of Cells:	72 (6x12)
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 <sup>2</sup>



## PACKAGING

Pallet Dimensions:	2000x1100x1200 (possibility to stacked up to two)
Pcs per Pallet:	27 pcs
Weight:	622 Kg

## ELECTRICAL CHARACTERISTICS

		340W	345W	350W	355W	360W
Nominal Output(0/+5W):	Pmax (W)	340	345	350	355	360
Max. Voltage:	Vmpp (V)	37.49	37.60	37.71	37.82	37.93
Max. Current:	Impp (A)	9.10	9.21	9.32	9.43	9.54
Open Circuit Voltage:	Voc (V)	45.99	46.10	46.21	46.32	46.43
Short Circuit Current:	Isc (A)	9.59	9.70	9.81	9.92	10.03
Max. System Voltage:	V	1000	1000	1000	1000	1000
Module Efficiency:	%	17.52	17.78	18.04	18.30	18.55

## TEMPERATURE CHARACTERISTICS

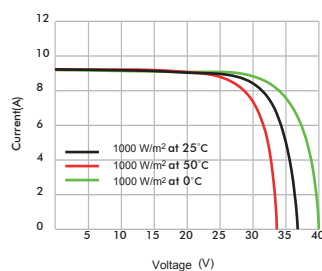
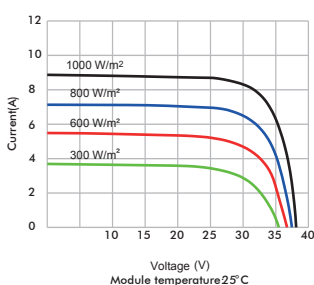
Temperature Coeff. of Voc:	-0,31 % / °C
Temperature Coeff. of Isc:	+0,04 % / °C
Temperature Coeff. of Pmax:	-0,41 % / °C
NOCT:	43 ± 2 °C

## OPERATIVE CHARACTERISTICS

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

## CURRENT/VOLTAGE CHARACTERISTICS

VALUES APPLY TO MODULE 350W



## CERTIFICATIONS



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



ECOEM  
riciclo e gestione dei rami



Specifications may change in any moment without prior notice.

06/07/2018\_REV.2\_EN

### Solarly guarantees:

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

**Solarly**  
is a trademark of:  
**Business Partner s.r.l.**  
Via Meucci, 67-20128 Milano