

PHOTOVOLTAIC MODULE MONO 60 CELLS

SDM60
310-315 W

PERC

MADE IN ITALY



POSITIVE POWER OUTPUT TOLERANCE 0/+5 W_p



EXCELLENT PERFORMANCE
UNDER DIFFERENT LIGHT CONDITIONS



30 YEARS LINEAR POWER WARRANTY
20 YEARS PRODUCT WARRANTY



IP67 JUNCTION BOX



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

IEC 61215:2016 |
EN 61730-1:2016 | EN 61730-2:2016 |
FIRE TEST MST23 CLASS C
IEC 62716:2013 | IEC 61701:2011
ECOEM | CE |

UNI EN ISO 9001:2015
UNI EN ISO 14001:2015
UNI EN BS OHSAS 18001:2007

FACTORY INSPECTION MADE IN EU

MCS APPROVED PRODUCT

THE STRENGTHS OF SOLARDAY® MODULES ARE ACHIEVED BY HIGH QUALITY PRIME MATERIALS AND PRODUCTION 100% MADE IN ITALIAN FACILITIES.

BACKSHEET



WHITE

FRAME



BLACK / SILVER

CELLS

TYPE
MONO

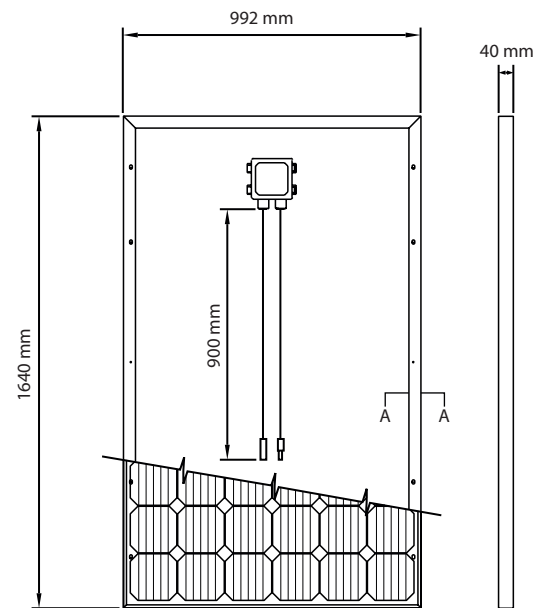
QTY
60 pcs (6x10)

DIMENSIONS
156.75x156.75 mm | 6.2x6.2"



CHARACTERISTICS

Length:	1640 mm
Width:	992 mm
Thickness:	40 mm
Weight:	18 Kg
Material of Cells:	Monocrystalline Silicon PERC
Dimensions of Cells:	156.75 x 156.75 mm
Qty of Cells:	60 (6x10)
Frontal Glass:	Glass with low iron content, thickness 3.2 mm
Encapsulant:	EVA (Ethylene Vinyl Acetate)
Backsheet:	PYE/PPE
Frame:	Anodized aluminum 15 micron
Junction Box:	1 Junction box IP67 - 1500 V with 3 by pass diodes
Connectors:	MC4 or compatible connector
Cables:	Unipolar Type, Length 900mm - Sec: 4.0 mm ²



PACKAGING

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

ELECTRICAL CHARACTERISTICS*

Nominal Output(0/+4.99W):	Pmax (W)
Max. Voltage:	Vmpp (V)
Max. Current:	Impp (A)
Open Circuit Voltage:	Voc (V)
Short Circuit Current:	Isc (A)
Max. System Voltage:	V
Module Efficiency:	%

310W

Pmax (W)	310
Vmpp (V)	32.30
Impp (A)	9.60
Voc (V)	40.37
Isc (A)	9.98
V	1500
%	19.05

315W

Pmax (W)	315
Vmpp (V)	32.42
Impp (A)	9.73
Voc (V)	40.49
Isc (A)	10.09
V	1500
%	19.36

*STC:1000W/m² - AM 1,5 - 25°C

TEMPERATURE CHARACTERISTICS

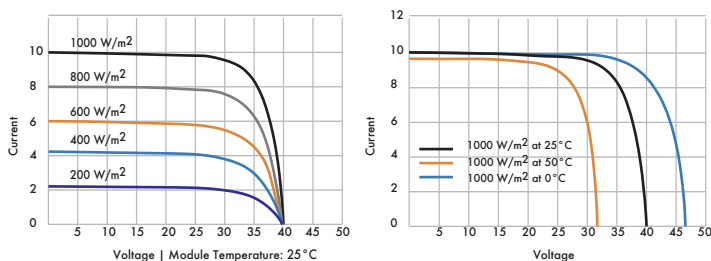
Temperature Coeff. of Voc:	-0,31 % / °C
Temperature Coeff. of Isc:	+0,04 % / °C
Temperature Coeff. of Pmax:	-0,39 % / °C
NOCT:	43 ± 2 °C

OPERATIVE CHARACTERISTICS

Operating Temperature:	from -40 °C to + 85 °C
Max. Superficial Load:	Over 5400 Pa
Hailstorm Resistance:	Ø 28 mm, 86 Km/h
Fire Test MST 23:	Class C

CURRENT/VOLTAGE CHARACTERISTICS

VALUES APPLY TO MODULE 315W



LINEAR PERFORMANCE WARRANTY

20 YEARS Product Warranty | 30 YEARS Linear Power Warranty

