

PHOTOVOLTAIC MODULE
SDM60



BACKSHEET WHITE



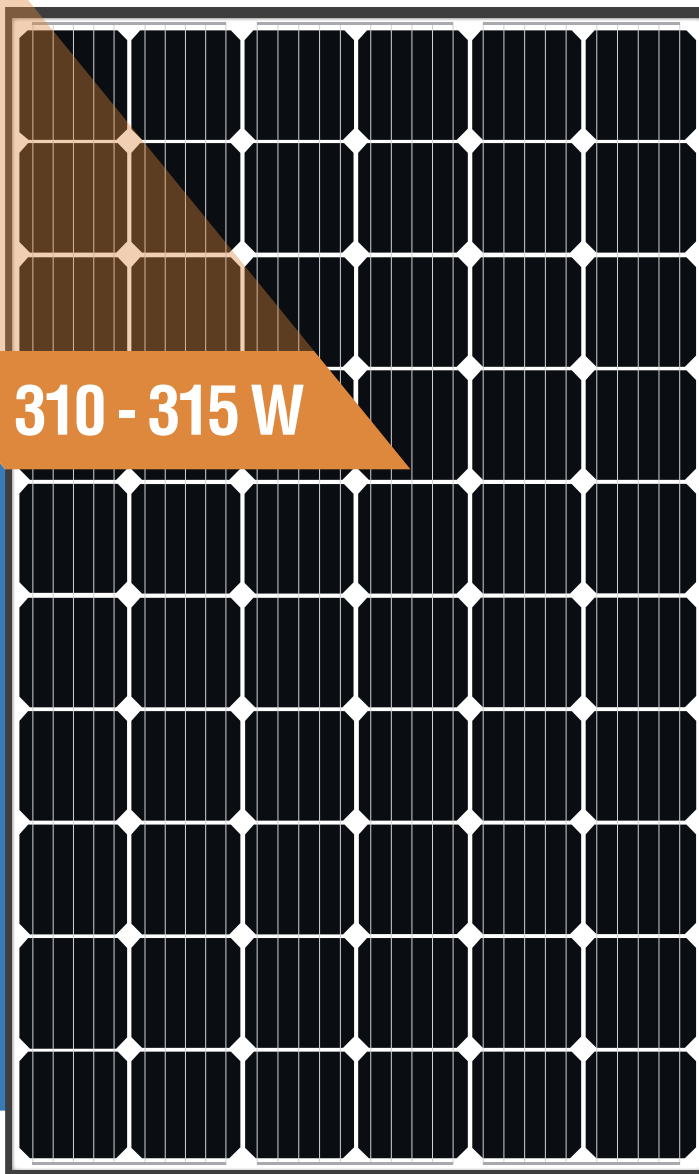
FRAME BLACK / SILVER

TYPE
MONO 5BB PERC

QTY
60 pcs (6x10)

DIMENSIONS
156.75 x 156.75 mm | 6.25 x 6.25"

310 - 315 W



MADE IN ITALY



EXCELLENT PERFORMANCE
UNDER DIFFERENT LIGHT CONDITIONS



POSITIVE POWER OUTPUT TOLERANCE 0/+5 Wp



IP67 JUNCTION BOX



COMPACT AND ULTRA-LIGHT ALUMINUM FRAME
THICKNESS: 40mm



LINEAR PERFORMANCE WARRANTY

30 YEARS LINEAR POWER WARRANTY
20 YEARS PRODUCT WARRANTY

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

CERTIFICATIONS:

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
UNI EN ISO 45001:2018

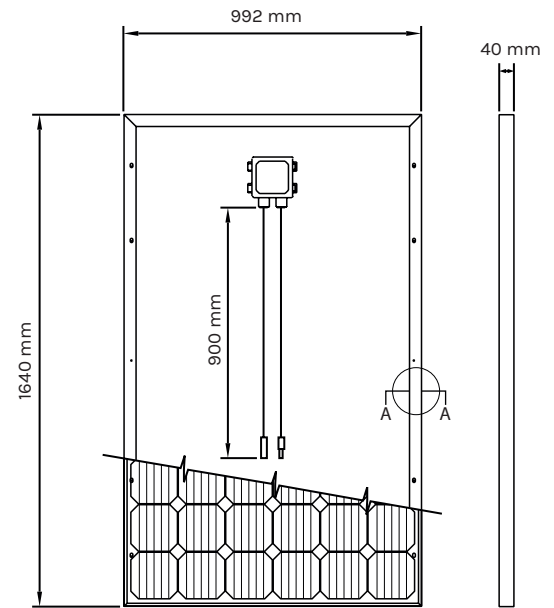
FACTORY INSPECTION MADE IN EU



WWW.SOLARDAY.IT | INFO@SOLARDAY.IT

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 (Etilen Vinil Acetato) |
| 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*

| | | 310W | 315W |
|---|----------|-------|-------|
| Nominal Output(0/+4.99W): | Pmax (W) | 310 | 315 |
| Max. Voltage: | Vmpp (V) | 32.30 | 32.42 |
| Max. Current: | Impp (A) | 9.60 | 9.73 |
| Open Circuit Voltage: | Voc (V) | 40.37 | 40.49 |
| Short Circuit Current: | Isc (A) | 9.98 | 10.09 |
| Max. System Voltage: | V | 1500 | 1500 |
| Module Efficiency: | % | 19.05 | 19.36 |
| Maximum nominal amperage value of fuse: | A | 15 | 15 |

*STC:1000W/Mq - AM 1,5 - 25°C

TEMPERATURE CHARACTERISTICS

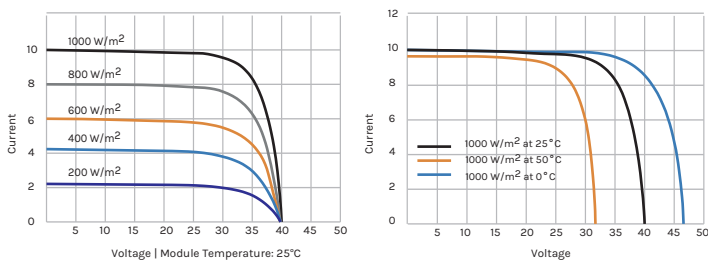
| | |
|-----------------------------|--------------|
| Temperature Coeff. of Voc: | -0,31 % / °C |
| Temperature Coeff. of Isc: | +0,04 % / °C |
| Temperature Coeff. of Pmax: | -0,39 % / °C |
| NOCT: | 43 ± 2 °C |

OPERATIVE CHARACTERISTICS

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

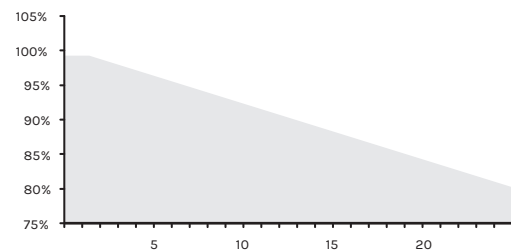
CURRENT/VOLTAGE CHARACTERISTICS

VALUES APPLY TO MODULE 315W



LINEAR PERFORMANCE WARRANTY

20 YEARS Product Warranty | 30 YEARS Linear Power Warranty



FOR MORE DETAILED INSTRUCTIONS, SEE THE INSTALLATION MANUAL

