



ACTIVESOL

PHOTOVOLTAIC MODULES

ASOL-160P-WS



Positive power tolerance +5Wp



Product guarantee



Guarantee of linear efficiency



Fire resistance



Ammonia resistance



Wind pressure resistance
2400Pa



Snow load resistance 5400Pa



IEC 61215, EN 61730-1, EN 61730-2



4 bus-bar



XDiSC[®]

TECHNICAL SPECIFICATION

ACTIVESOL STANDARD POLYCRYSTALLINE PHOTOVOLTAIC MODULES

ASOL-160P-WS-RHA

ELECTRICAL PARAMETERS* STC

| | |
|---------------------------------|-------------------------|
| Module | ASOL-160P-WS-RHA |
| Peak Power Pmax | 160 Wp |
| Open Circuit Voltage Voc | 22,98 V |
| Short Circuit Power Isc | 9,18 A |
| Max. Power Voltage Vmp | 18,68 V |
| Max. Power Current Imp | 8,59 A |
| Power tolerance | 0/+5Wp |
| Efficiency | 16,14 % |

Standard test conditions (STC): incident sunlight of 1000 W/m², cell temperature of 25°C, 1,5 AM

Electrical parameters on the product nameplate can slightly differ from specification data because of different batch of cells used in production

TEMPERATURE COEFFICIENT

| | |
|------------------------|------------|
| Isc | +0,06 %/°C |
| Voc | -0,26 %/°C |
| P_{MAX} | -0,36 %/°C |
| NOCT | 45 °C |

WORKING CONDITIONS

| | |
|-----------------------------------|-------------|
| Max. load | IEC 5400 Pa |
| Class | A |
| Maximum series fuse rating | 15 A |

Standard test conditions (STC): incident sunlight of 1000 W/m², cell temperature of 25°C, 1,5 AM

MECHANICAL PARAMETERS

| | |
|--------------------|---|
| Dimensions | 1480 x 670 x 30 mm |
| Weight | 12,0 kg |
| Glass | 3,2 mm tempered |
| Encapsulate | Copolymer EVA |
| Cells | Polycrystalline Si, 4BB 4x9 (36 cells in series) |
| Backsheet | Multilayer |

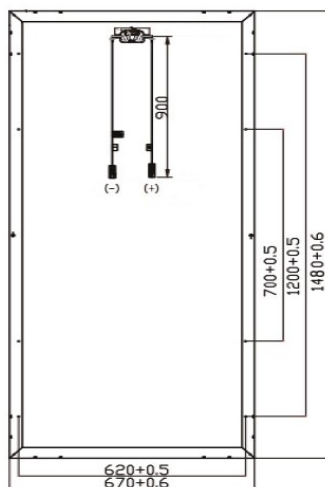
SYSTEM PARAMETERS

| | |
|-------------------------------|--|
| Operational conditions | 85% RH, -40 ÷ +85°C |
| Maximum system voltage | 1000 VDC |
| Safety class | II |
| Hail | Max. diameter 25mm impact velocity 23m/s |

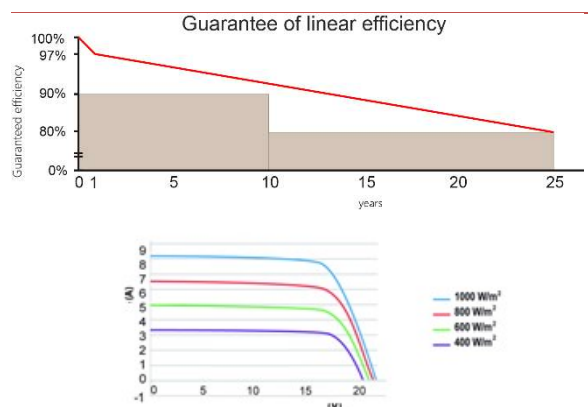
LEGEND

| | | | | |
|---------------------|---|------------|----------------------------|------------|
| Frame | Anodized aluminum | W | Backsheet color | W – White |
| Junction-box | IP65, 3 by-pass diodes | S | Frame color | S – Silver |
| Cable | Cable 4mm ² , 900mm, MC4 or compatible | RHA | Manufacturer internal code | |

DIMENSIONS



GRAPHS



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