

# ARGOS

**The robust all-rounder**

The top quality PID free certified polycrystalline solar module from AVENTIA. Extremely sturdy torsion and corrosion resistant aluminum frame AR coated front glass in combination with excellent performance & positive power tolerance.

Module Efficiency	Positive Power Tolerance	Linear Power Output Warranty	Product Quality warranty
<b>16.19%</b>	<b>0/+5W</b>	<b>25 Years</b>	<b>15 Years</b>

Snow Load Parameters	Wind Load Parameters	Rated Junction Box	For Maximum Performance
<b>5400 Pa</b>	<b>2400 Pa</b>	<b>IP 67</b>	<b>PID FREE</b>

# Electrical Characteristics

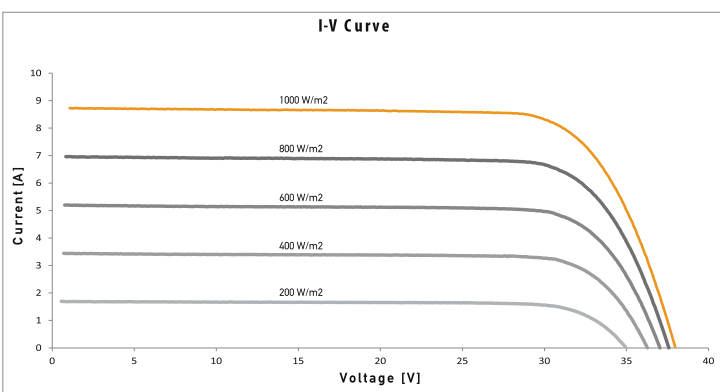
MODULE TYPE	AVN250EP-60	AVN255EP-60	AVN260EP-60	AVN265EP-60
Open-Circuit Voltage (Voc)	37.60 V	37.70 V	37.10 V	37.40 V
Optimum Operating Voltage (Vmp)	30.40 V	30.50 V	30.50 V	30.80 V
Short-Circuit Current (Isc)	8.82 A	8.85 A	9.17 A	9.22 A
Optimum Operating Current (Imp)	8.20 A	8.34 A	8.58 A	8.64 A
Maximum Power at STC (Pmax)	250 W	255 W	260 W	265 W
Module Efficiency	15.3 %	15.6 %	15.88 %	16.19 %
Maximum Series Fuse Rating	13 A			
Operating Temperature	-40°C to +85 °C			
Maximum System Voltage	1000 VDC			
Power Tolerance	0 to +5 W			

STC : Irradiance 1000 W/m<sup>2</sup>. Module temperature 25 °C. AM=1.5

## MECHANICAL CHARACTERISTICS

Type	Polycrystalline cell 156 x 156 mm
Cells Arrangement	6 x10 (60 pcs)
Module Dimensions	1650 x 992 x 40 mm
Weight	18.7 kg
Front Side	AR coated 3.2 mm Low Iron Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP67 Rated, 3 by-pass diodes
Standard Packaging	26 pcs. 510 kg per pallet
Module pieces per container	728 pcs in 40 ft HC - 28 pallets

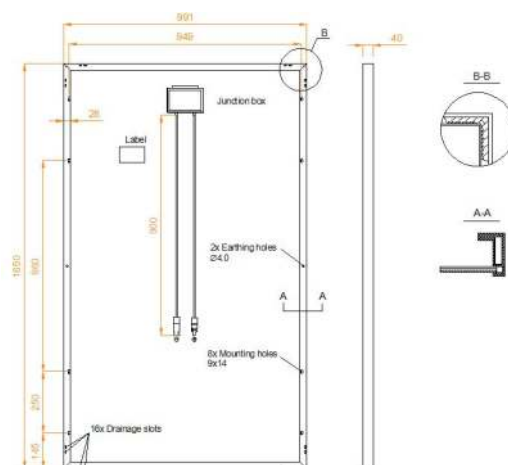
## AVN250EP-60 ELECTRICAL PERFORMANCE



## TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	50 °C ± 2°
Temperature Coefficient (Pmax)	-0.41 % / °C
Temperature Coefficient (Voc)	-0.29 % / °C
Temperature Coefficient (Isc)	0.05 % / °C

## ENGINEERING DRAWING



Design and specifications are subject to change.



**AVENTIA**  
PV SOLUTIONS

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