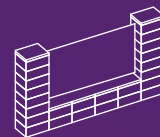


# AVRii SOL

## Avrii SOL Integra Modules TG-350, BG-350



15 years  
product warranty



25 years linear  
performance warranty



100% electroluminescence  
inspection

Positive power  
tolerance



Extreme hail  
endurance



Wind load  
up to 2400 Pa



More than  
*energy*



EUROPEAN  
PRODUCER

# Avrii SOL Integra - Modules TG-350, BG-350

## Technical specifications

ELECTRICAL PARAMETERS STC	TG-350, BG-350
Nominal power [Wp]	350
Short-circuit current [A]	6,26
Nominal current [A]	6,01
Open circuit voltage [V]	69,02
Nominal voltage [V]	58,24
Efficiency [%]	16,32

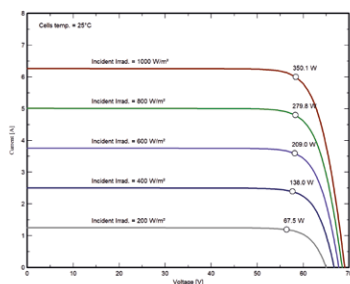
STC: Irradiance 1000 W/m<sup>2</sup>, Air mass 1.5 AM, Cells temperature 25 °C.  
Measurement tolerance STC ± 2 %.

ELECTRICAL PARAMETERS LIC	TG-350, BG-350
Nominal power [Wp]	66,8
Short-circuit current [A]	1,23
Nominal current [A]	1,17
Open circuit voltage [V]	64,28
Nominal voltage [V]	57,17

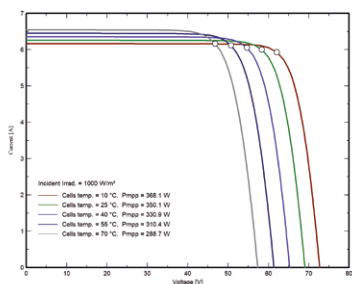
LIC: Irradiance 200 W/m<sup>2</sup>, Air mass 1.5 AM, Cells temperature 25 °C,  
Measurement tolerance LIC ± 5 %.

TEMPERATURE PARAMETERS	TG-350, BG-350
Current temperature coeff.	0,040 %/°C
Voltage temperature coeff.	-0,255 %/°C
Power temperature coeff.	-0,328 %/°C
MECHANICAL PARAMETERS	TG-350, BG-350
Length [mm]	1950
Width [mm]	1100
Hight [mm]	10
Weight [kg]	45
COMPOSITION	TG-350, BG-350
Front glass	4 mm, Tempered
Encapsulant	EVA film
Back glass	4 mm, Tempered
Cells	Monocrystalline
Quantity	100
Junction box	IP68, 3 by-pass diodes
Cables	2 x 1100 mm, φ = 4 mm <sup>2</sup>
Connectors	Sunter PV-ZH202B, IP68
ENDURANCE PARAMETERS	TG-350, BG-350
Mechanical load	5400 Pa
Wind load	2400 Pa
Hail Endurance	φ = 25 mm, V=82,8 km/h
PACKING	TG-350, BG-350
Packing system	Carton 2,0 x 1,2 x 1,25 m
Quantity	10 Pcs/Pallet
Transport	14 Pallets/TIR

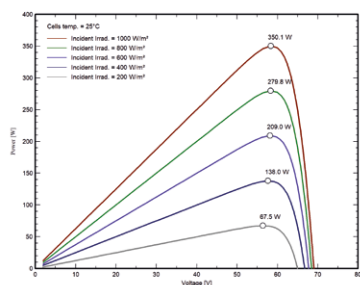
### CURRENT/VOLTAGE



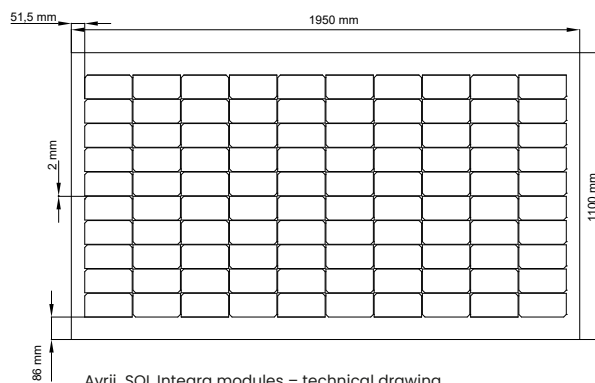
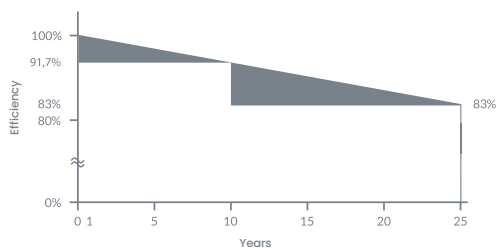
### CURRENT/VOLTAGE



### POWER/VOLTAGE



### LINEAR POWER WARRANTY



Avrii SOL Integra modules – technical drawing

The technical sheet contains information valid as of the date specified in the document revision.

Due to ongoing research and the introduction of new products, Avrii reserves the right to make any changes to these parameters without prior notice.



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