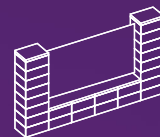


AVRii SOL

Avrii SOL Integra
Modules
TG-410, BG-410



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-410, BG-410

Technical specifications

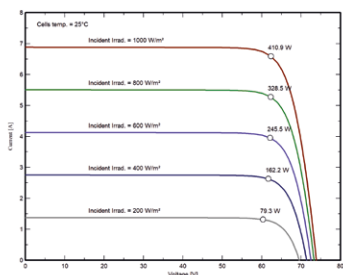
ELECTRICAL PARAMETERS STC	TG-410, BG-410
Nominal power [Wp]	410
Short-circuit current [A]	6,88
Nominal current [A]	6,62
Open circuit voltage [V]	73,85
Nominal voltage [V]	62,03
Efficiency [%]	15,86

STC: Irradiance 1000 W/m², Air mass 1.5 AM, Cells temperature 25 °C.
Measurement tolerance STC ± 2 %.

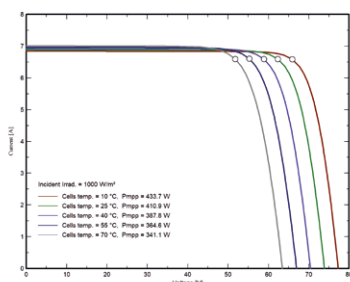
ELECTRICAL PARAMETERS LIC	TG-410, BG-410
Nominal power [Wp]	78,26
Short-circuit current [A]	1,35
Nominal current [A]	1,29
Open circuit voltage [V]	68,78
Nominal voltage [V]	60,89

LIC : Irradiance 200 W/m², Air mass 1.5 AM, Cells temperature 25 °C,
Measurement tolerance LIC ± 5 %.

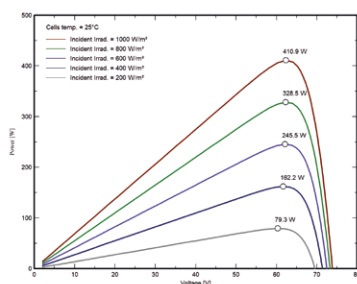
CURRENT/VOLTAGE



CURRENT/VOLTAGE

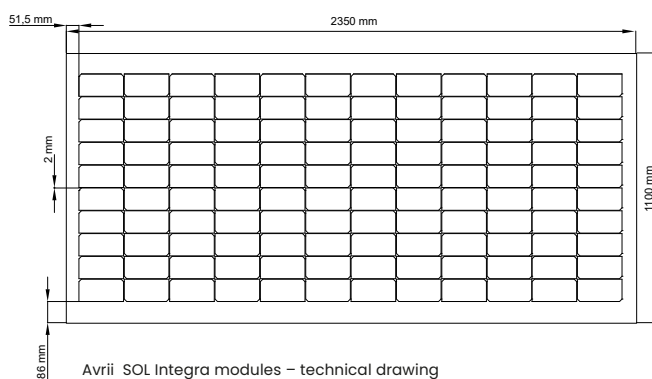
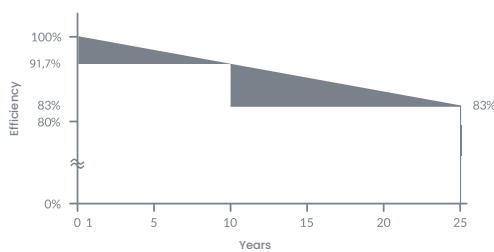


POWER/VOLTAGE



TEMPERATURE PARAMETERS	TG-410, BG-410
Current temperature coeff.	0,040 %/°C
Voltage temperature coeff.	-0,255 %/°C
Power temperature coeff.	-0,328 %/°C
MECHANICAL PARAMETERS	TG-410, BG-410
Length [mm]	2350
Width [mm]	1100
Height [mm]	10
Weight [kg]	54
COMPOSITION	TG-410, TG-410
Front glass	4 mm, Tempered
Encapsulant	EVA film
Back glass	4 mm, Tempered
Cells	Monocrystalline
Quantity	120
Junction box	IP68, 3 by-pass diodes
Cables	2 x 1100 mm, $\phi = 4 \text{ mm}^2$
Connectors	Sunter PV-ZH202B, IP68
ENDURANCE PARAMETERS	TG-410, BG-410
Mechanical load	5400 Pa
Wind load	2400 Pa
Hail Endurance	$\phi = 25 \text{ mm}$, $V=82,8 \text{ km/h}$
PACKING	TG-410, BG-410
Packing system	Carton 2,52 x 0,9 x 1,3 m
Quantity	10 Pcs/Pallet
Transport	10 Pallets/TIR

LINEAR POWER WARRANTY



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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