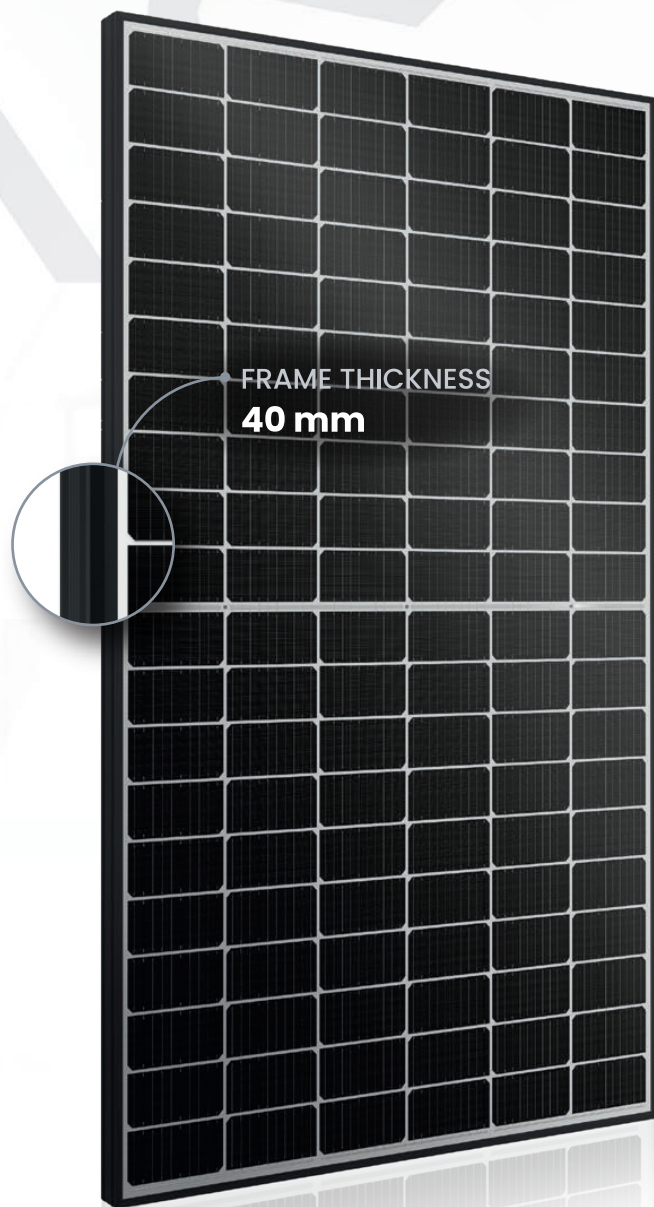


AVRii SOL

MODULES

Avrii SOL Opti-Power PRO
WB-465



FRAME THICKNESS
40 mm



High-efficiency PERC
monocrystalline
HALF-CELLS



Damp heat 2000 h



Quick and easy assembly

Maximum efficiency
21,28 %



PID resistance



Linear performance warranty
20 Years Product Warranty
25 Years Linear Power Warranty



More than
energy



EUROPEAN
PRODUCER

Avrii SOL Opti-Power PRO MODULES

Avrii SOL Opti-Power PRO WB-465

ELECTRICAL PARAMETERS STC	WB-465
Nominal power [Wp]	465
Short-circuit current [A]	13,83
Nominal current [A]	13,19
Open circuit voltage [V]	41,88
Nominal voltage [V]	35,27
Efficiency [%]	21,28

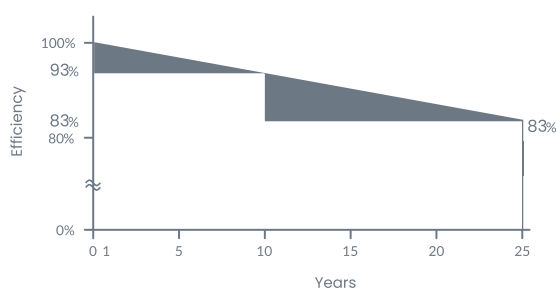
STC: Irradiance 1000 W/m², Air mass 1.5 AM, Cells temperature 25 °C.
Measurement tolerance STC ± 2 %.

ELECTRICAL PARAMETERS LIC	WB-465
Nominal power [Wp]	88,76
Short-circuit current [A]	2,72
Nominal current [A]	2,57
Open circuit voltage [V]	39,00
Nominal voltage [V]	34,62

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

TEMPERATURE PARAMETERS	WB-465
Current temperature coeff.	0,040%/°C
Voltage temperature coeff.	-0,255%/°C
Power temperature coeff.	-0,328%/°C

LINEAR POWER WARRANTY



TEMPERATURE PARAMETERS	WB-465
Power tolerance	0/+1%
Safety class	II
Maximum system voltage	1000/1500 VDC
Operating temperature	-40 / +85 °C
Reverse current protection	22 A
MECHANICAL PARAMETERS	WB-465
Length [mm]	1920
Width [mm]	1138
Height [mm]	40
Weight [kg]	24
COMPOSITION	WB-465
Front glass	3,2 mm, Tempered
Encapsulant	EVA film
Frame	Anodised aluminium, black
Cells	Monocrystalline
Cells quantity	120
Junction box	IP68, 3 by-pass diodes
Cables	2 x 1100 mm, $\phi = 4 \text{ mm}^2$
Connectors	MC4 compatible, IP68
ENDURANCE PARAMETERS	WB-465
Damp heat	2000 h
Maximum Mechanical Load	7000 Pa
Maximum Wind Load	4000 Pa
Hail Endurance	$\phi = 55 \text{ mm}$, V=122 km/h
PACKING	WB-465
Packing system	Carton box 2,0 x 1,25 x 1,2
Quantity	26 Pcs/Pallet
Transport	26 Pallets/Truck

