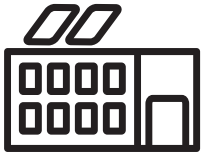




ACTIVESOL PRO

on-grid lightweight solar panels ELECTRON SERIES

**ESTARK-220B**

robust & lightweight on-grid photovoltaic module compatible with all kind of roofs

FLEX-200B

lightweight & semi-flexible on-grid photovoltaic module for flat roof adhesive application

ELECTRICAL PARAMETERS

Peak Power [Pmax]	220 Wp	200 Wp
Max. Power Voltage [Vmp]	36,12 V	32,84 V
Max. Power Current [Imp]	6,09 A	6,09 A
Open Circuit Voltage [Voc]	42,54 V	38,29 V
Short Circuit Current [Isc]	6,51 A	6,51 A
Module Efficiency	21,1%	21,3%
Power Output Tolerance	± 5%	
Values presented for STC (Standard test conditions): incident sunlight 1000 W/m2, solar cell temperature 25 °C, AM1.5		
Max. System Voltage	600 V DC	
NOCT*	37°C	45°C
Max. Series Fuse Rating	12 A	12 A

*Normal Operating Cell Temperature measured at 20°C ambient temperature, 800 W/m2 total irradiance, 1 m/s wind speed.

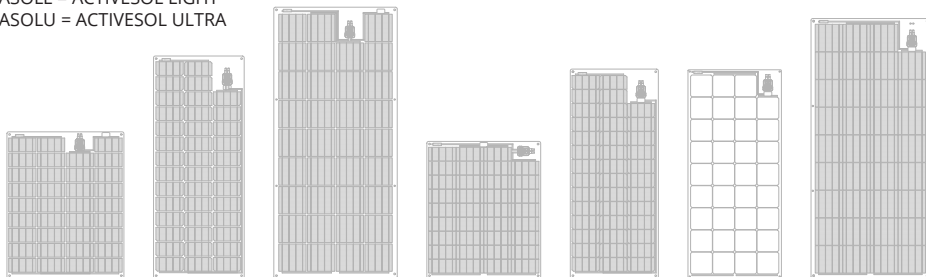
TEMPERATURE COEFFICIENTS

Isc	0,088 %/°C	0,088 %/°C
Voc	-0,238 %/°C	-0,263 %/°C
Pmax	-0,228 %/°C	-0,272 %/°C

GENERAL INFORMATION

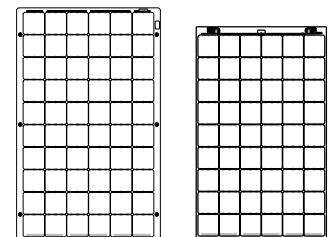
Cell Type	monocrystalline	monocrystalline
Junction Box	IP67 potted	IP65 (unplugged) IP68 (plugged)
Cables	0,4m 4mm ² with connector	not included
Laminate Thickness	6 mm	3 mm
Junction Box Thickness	9 mm	15 mm
Weight	3,5 kg	3,2 kg
Dimensions (W/H)	1308 x 836	1203 x 780
Bending Radius	not bendable	> 5 m
Frontsheet	structural ETFE	structural ETFE
Operating module temperature	-40 to +85 °C	-40 to +85 °C
Warranty	2 years	2 years
Recommended use	dachówka ceramiczna, dachówka trapezowa, gont, blachodachówka, dachówka typu rąbek, dachówka falista,	dachy membranowe, papa dachowa i inne płaskie powierzchnie

LOW VOLTAGE OFF-GRID APPLICATIONS

ASOLL = ACTIVESOL LIGHT
ASOLU = ACTIVESOL ULTRA

ASOLL-75P-W0R ASOLL-90M-W0R ASOLL-150P-W0R ASOLU75P-W0R ASOLU-90M-W0R ASOLU-125B-W0R ASOLU-150P-W0R

600V ON-GRID APPLICATIONS LESS THAN 3,5 KG!



ESTARK-220B

EFLEX-200B

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