

## Offgridtec ETFE-AL V2 semiflexible solar modules

### Characteristics

- ❖ High cell efficiency of 22.3 % for optimal energy yield.
- ❖ Two ETFE layers provide solid protection of the internal cells, ensuring high light yield and long-term returns. This protects the module against hail and makes it durable against saltwater.
- ❖ The new structure of the outermost layer improves slip resistance, allowing safe walking on the module.
- ❖ The integrated AL backsheet provides the greatest possible protection against cell cracks in the event of incorrect handling and installation.

Specifications	ETFE-AL V2 60W	ETFE-AL V2 100W	ETFE-AL V2 120W	ETFE-AL V2 160W
Article number	3-01-018420	3-01-018425	3-01-018430	3-01-018435
EAN	4262440561718	4262440561725	4262440561732	4262440561749
Nominal peak power* (WP)	60 W	100 W	120 W	160 W
Nominal voltage (V)	18,2 V	23,9 V	18,8 V	18,2 V
Nominal current (A)	3,30 A	4,19 A	6,39 A	8,80 A
Open circuit voltage (Voc)	21,30 V	28,00 V	22,00 V	21,30 V
Short circuit current (Isc)	3,46 A	4,39 A	6,70 A	9,23 A
Max system voltage	200 V DC	200 V DC	200 V DC	200 V DC

\*Measured under Standard Test Conditions STC (1000 W/m<sup>2</sup>; spectrum AM 1.5; Cell temperature 25 °C)

Measurements	ETFE-AL V2 60W	ETFE-AL V2 100W	ETFE-AL V2 120W	ETFE-AL V2 160W
Cells per module	2×16	3×14	3×11	4×16
Cells size (mm)	182×45.5	182×60.7	182×91	182×60.67
Module size (mm)	860×395×4	980×580×4	1120×580×4	1110×765×4
Weight (kg)	2.16	3.44	4.19	5.06

Thermal attributes	
NOCT	45 +/-2 °C
Voltage temp. coefficient	-0.36 %/°C
Current temp. coefficient	+0.07 %/°C
Power temp. coefficient:	-0.38 %/°C

Additional specification	
Power tolerance	+/-3 %
Cell Conversion efficiency	22,30%
Operating temperature:	-40 to +85 °C

**Warranty:** 10 years lifetime, and our workmanship warranty is 1 year.



About us  
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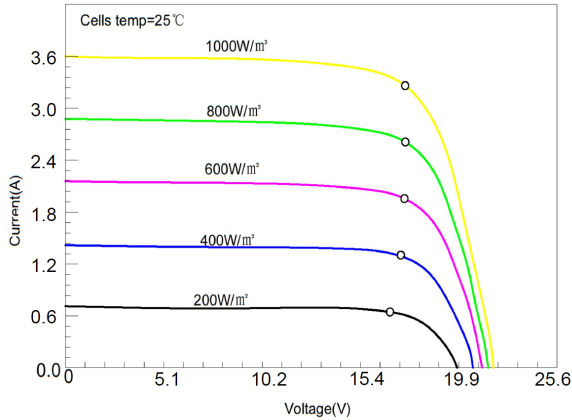
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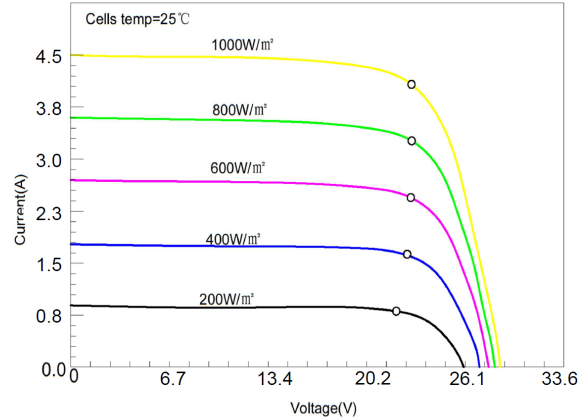
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### U-I-Diagram

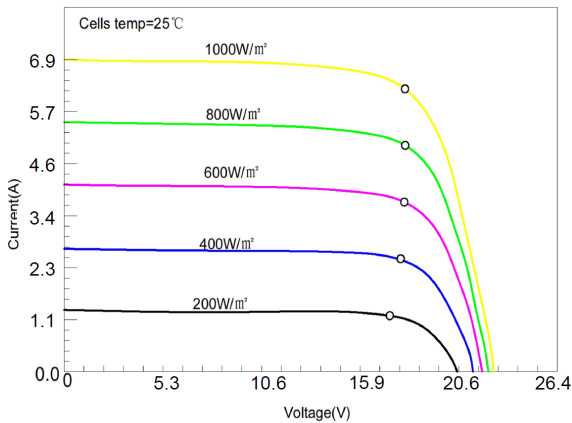
**ETFE-AL V2 60W – 3-01-018420**



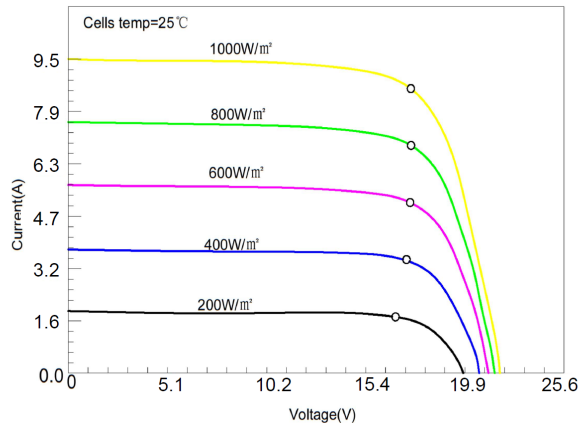
**ETFE-AL V2 100W – 3-01-018425**



**ETFE-AL V2 120W – 3-01-018430**



**ETFE-AL V2 160W – 3-01-018435**



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