



Photovoltaic modules

FAMEXWATT GGpoly 240-260

FAMEXWATT GGpoly 240-260 black frame

FAMEXWATT GG convinces by:

1. Flexible Planning

- Modules for all installation sizes
- Maximum efficiency
- Suitable for use in extreme site conditions

2. Easy Installation

- Low weight, convenient format
- Horizontal and vertical installation possible
- Optimal utilisation of the roof surface

3. Maximum Yield

- Only positive tolerance of up to 5 Wp
- Only the best performance

4. Long Lifetime

- Product warranty: 20 years
- Performance guarantee: 30 years linear at 88%
- Certified according to the strictest German and international standards



+5
WATTS
POSITIVE
TOLERANCE

20
YEAR
PRODUCT
WARRANTY

30
YEAR
LINEAR PERFORMANCE
GUARANTEE 88%

SUN ON DUTY



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Electrical data under STC (Standard Test Conditions: 1000W/m², 25°C, AM1.5)

Rated Power	P _{max}	240W	245W	250W	255W	260W
Sorting limits of Performance		0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Voltage	U _{MPP}	29,4V	29,55V	29,73V	29,87V	30,06V
Open Circuit Voltage	U _{OC}	37,32V	37,49V	37,62V	37,69V	37,79V
Current	I _{MPP}	8,17A	8,30A	8,41A	8,54A	8,65A
Short – Circuit Current	I _{SC}	8,72A	8,83A	8,91A	8,99A	9,07A
Efficiency		14,6%	14,8%	15,1%	15,4%	15,7%

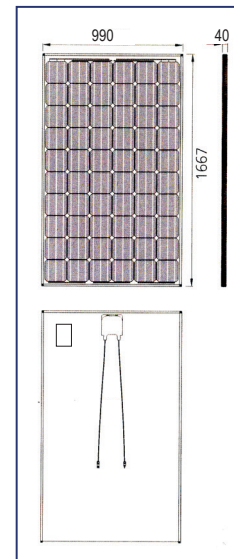
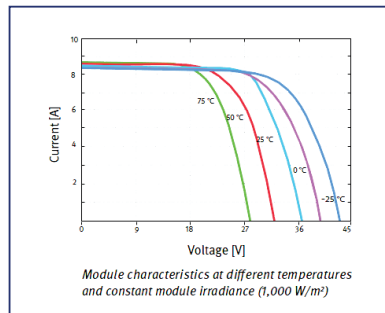
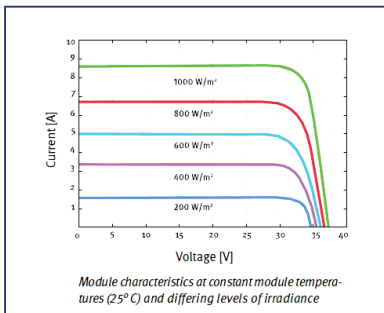
Electrical data at 800W/m², NOCT (45°C +/- 2K), AM1.5

Power in MPP	P _{max}	180W	184W	187W	191W	195W
Voltage	U _{MPP}	27,60V	27,74V	27,91V	28,03V	28,19V
Open Circuit Voltage	U _{OC}	35,12V	35,28V	35,93V	35,44V	35,53V
Current	I _{MPP}	6,51A	6,61A	6,70A	6,81A	6,90A
Short – Circuit Current	I _{SC}	7,02A	7,11A	7,17A	7,23A	7,30A

The efficiency decreases by approximately 3% compared to the efficiency under STC at an irradiation of 200W/m² and 25°C

Temperature data

Power Temperature Coefficient	T _K (P _{MPP})	-0,43%K
Voltage Temperature Coefficient	T _K (U _{OC})	-0,35%K
Current Temperature Coefficient	T _K (I _{SC})	0,03%K



Further information

Number of cells	60
Max. system voltage	1000 V
Reverse current loading capability	15 A
Front cover	Special hardened low-iron glass with anti-reflex coating 2mm
Back cover	Special hardened transparent glass 2mm
Module connection	Junction box 3 bypass diodes IP 65 no potting, 2 x approx. 1m solar cable Ø 4mm ² , plug connector KSK4 IP 65
Snow/Wind load	up to 6600 Pa =670 kg/m ²

