



## Photovoltaic modules FAMEXWATT GFmono 255-275

### FAMEXWATT GF convinces by:

#### 1. Flexible Planning

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

#### 2. Easy Installation

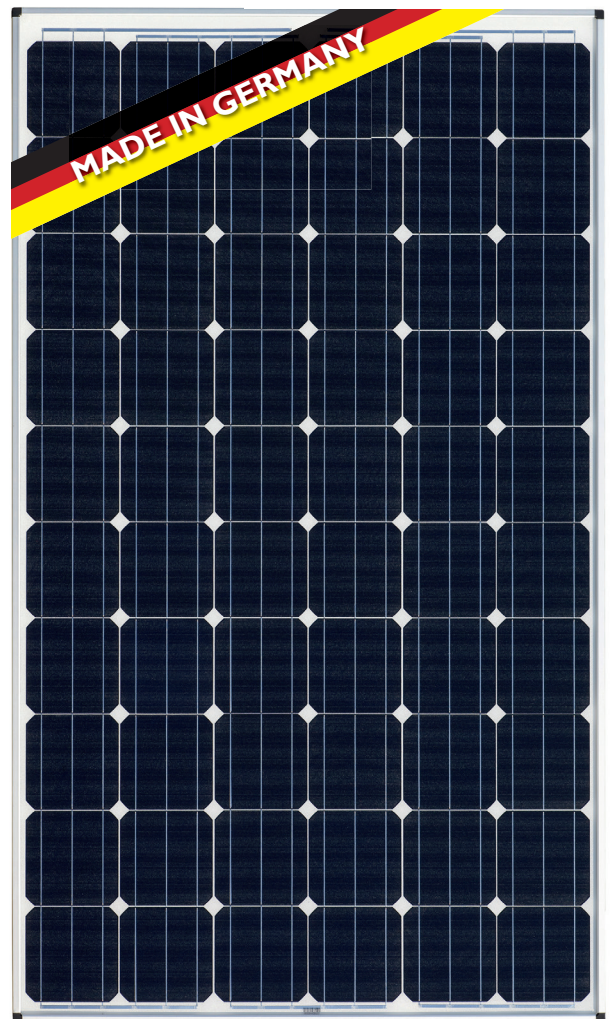
- Low weight, convenient format
- Horizontal and vertical installation possible
- Optimal utilisation of the roof surface

#### 3. Maximum Yield

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

#### 4. Long Lifetime

- Product warranty: 12 years
- Performance guarantee: 25 years linear at 80%
- Certified according to the strictest German and international standards



**+5**  
WATTS  
POSITIVE  
TOLERANCE

**12**  
YEAR  
PRODUCT  
WARRANTY

**25**  
YEAR  
LINEAR PERFORMANCE  
GUARANTEE 80%

**SUN ON DUTY**



# Photovoltaic modules

## FAMEXWATT GFmono 255-275

### Electrical data under STC (Standard Test Conditions: 1000W/m<sup>2</sup>, 25°C, AM1.5)

Rated Power	P <sub>max</sub>	255W	260W	265W	270W	275W
Sorting limits of Performance		0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Voltage	U <sub>MPP</sub>	30,45V	30,65V	30,85V	31,05V	31,25V
Open Circuit Voltage	U <sub>OC</sub>	37,80V	38,00V	38,10V	38,30V	38,50V
Current	I <sub>MPP</sub>	8,40A	8,50A	8,60A	8,70A	8,80A
Short – Circuit Current	I <sub>SC</sub>	8,90A	9,00A	9,20A	9,40A	9,50A
Efficiency		15,3%	15,6%	15,9%	16,2%	16,5%

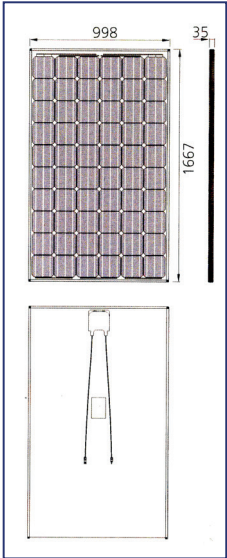
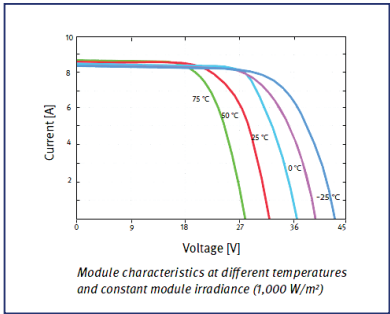
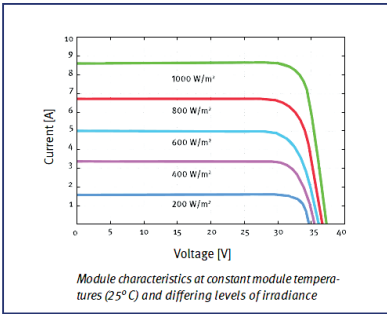
### Electrical data at 800W/m<sup>2</sup>, NOCT (45°C +/- 2K), AM1.5

Power in MPP	P <sub>max</sub>	194W	197W	201W	205W	208W
Voltage	U <sub>MPP</sub>	28,56V	28,75V	28,93V	29,12V	29,31V
Open Circuit Voltage	U <sub>OC</sub>	34,96V	35,14V	35,24V	35,42V	35,61V
Current	I <sub>MPP</sub>	6,80A	6,88A	6,96A	7,04A	7,66A
Short – Circuit Current	I <sub>SC</sub>	7,18A	7,26A	7,42A	7,58A	7,66A

The efficiency decreases by approximately 3% compared to the efficiency under STC at an irradiation of 200W/m<sup>2</sup> and 25°C

### Temperature data

Power Temperature Coefficient	T <sub>K</sub> (P <sub>MPP</sub> )	-0,47%/K
Voltage Temperature Coefficient	T <sub>K</sub> (U <sub>OC</sub> )	-0,33%/K
Current Temperature Coefficient	T <sub>K</sub> (I <sub>SC</sub> )	0,03%/K



### Further information

Number of cells	60
Max. system voltage	1000 V
Reverse current loading capability	17 A
Front cover	Special hardened low – iron glass with anti-reflex coating; Glare reduced to a minimum
Module connection	Junction box 3 bypass diodes IP 67 no potting, 2 x approx. 1m solar cable Ø4mm <sup>2</sup> , plug connector PV4 IP 68
Snow/Wind load	Innoframe framed: 5400 Pa ≈ 550kg/m <sup>2</sup>

