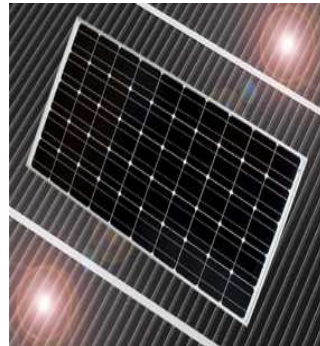
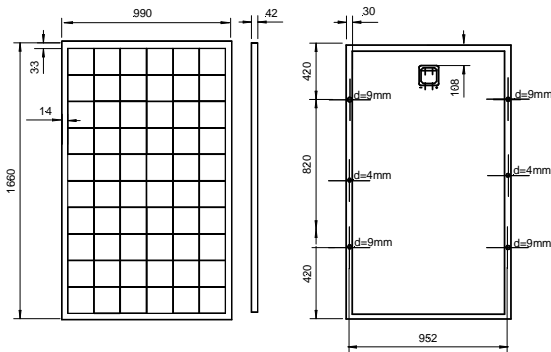


# DATASHEET ENFOTON – 60E6M+

## Photovoltaic Multi-Crystalline Solar Module

### Enfoton Standard Series



Weak Light Performance		
Intensity W/m <sup>2</sup>	Umpp	Impp
800	0	-20
600	-0,9	-40
400	-2,1	-60
200	-5,1	-80
100	-8,7	-90

#### Mechanical Characteristics:

- 60 Monocrystalline Photovoltaic Cells per Module
- Size: 1660 x 830mm
- Anodized Aluminium Frame, height 42mm
- Weight 21 kg
- TÜV 5400 Pa tested
- Hail up to 28mm diameter, 86 Km/h tested
- Temperature Range -40 to +85°C
- Nominal operating cell temperature (NOCT): 47°C
- Glass Foil Sandwich Laminate
- EVA encapsulate
- Glass 4mm tempered

#### Certificates:

- TÜV IEC 61215
- TÜV Safety Class II
- TÜV IEC 61730
- TÜV 5400 Pa according to EN IEC 61215

#### Electrical connection:

- Junction Box Spelsberg PV1410
- 3 Bypass Diodes nominal current 12A
- Solar Cable 4 mm<sup>2</sup> 1000mm with MC connectors
- Module connection max 930V in series
- Limiting reverse current IR=13A

#### Electrical Characteristics at STC:

1000W/m<sup>2</sup> at Cell temperature 25°C, AM 1,5

Module	60E6M+225F	60E6M+235F	60E6M+245F
<b>Rated Power</b>	225Wp	235Wp	245Wp
<b>Tolerance:</b>	+/- 3%	+/- 3%	+/- 3%
<b>Open Circuit Voltage (Uoc):</b>	36,80V	36,81V	37,00V
<b>Short Circuit Current (Isc):</b>	8,50A	8,70A	8,76A
<b>Max. Power Voltage (Umpp):</b>	27,68V	28,87V	29,20V
<b>Max. Power Current (Impp):</b>	8,13A	8,14A	8,39A
<b>Temp.Coeff. Isc/K</b>	+0,03%/K	+0,03%/K	+0,03%/K
<b>Temp.Coeff. Uoc/K:</b>	-0,37%/K	-0,37%/K	-0,37%/K
<b>Temp.Coeff. Pmpp/K:</b>	-0,51%/K	-0,51%/K	-0,51%/K

#### Warranty:

Performance warranty: **10 years** with maximum loss of 10% on Power Rating

Performance warranty: **25 years** with maximum loss of 20% on Power Rating

Product warranty : **3 years**



- Qualified, IEC 61215
- Safety tested, TÜV-Spec 931/2.572.9
- Periodic Inspection



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