

HEM - Photovoltaic

Datasheet for HEM 120Wp

Physical Specifications for version 12V

Cells per module: 36
Cell type: Square / Poly₂
Cell dimensions: 156 x 156 mm²
Weight: 12,5 kg

Characteristics for the characterisation of the thermal behaviour

NOCT: 46°C * TK I_{sc}: 0,06 %/K * TK I_{sc} 0,034 %/K, TK V_{oc}: -0,34 %/K
Module size: 1516 x 682 x 34 mm
Junction box with cables and waterproof connectors, model Tyco. Cables length cm 90.
With 2 bypass diode.

Power specification for version 12V - Performance under standard test conditions (STC)

1000 W/m ² , NOCT, AM 1,5		HEM 120
Peak power (Wp):	P _{max}	120 Wp
Open circuit voltage	V _{oc}	22,1 V
Max power voltage	V _{mpp}	17,4 V
Short circuit current	I _{sc}	7,5 A
Max power current	I _{mpp}	6,9 A

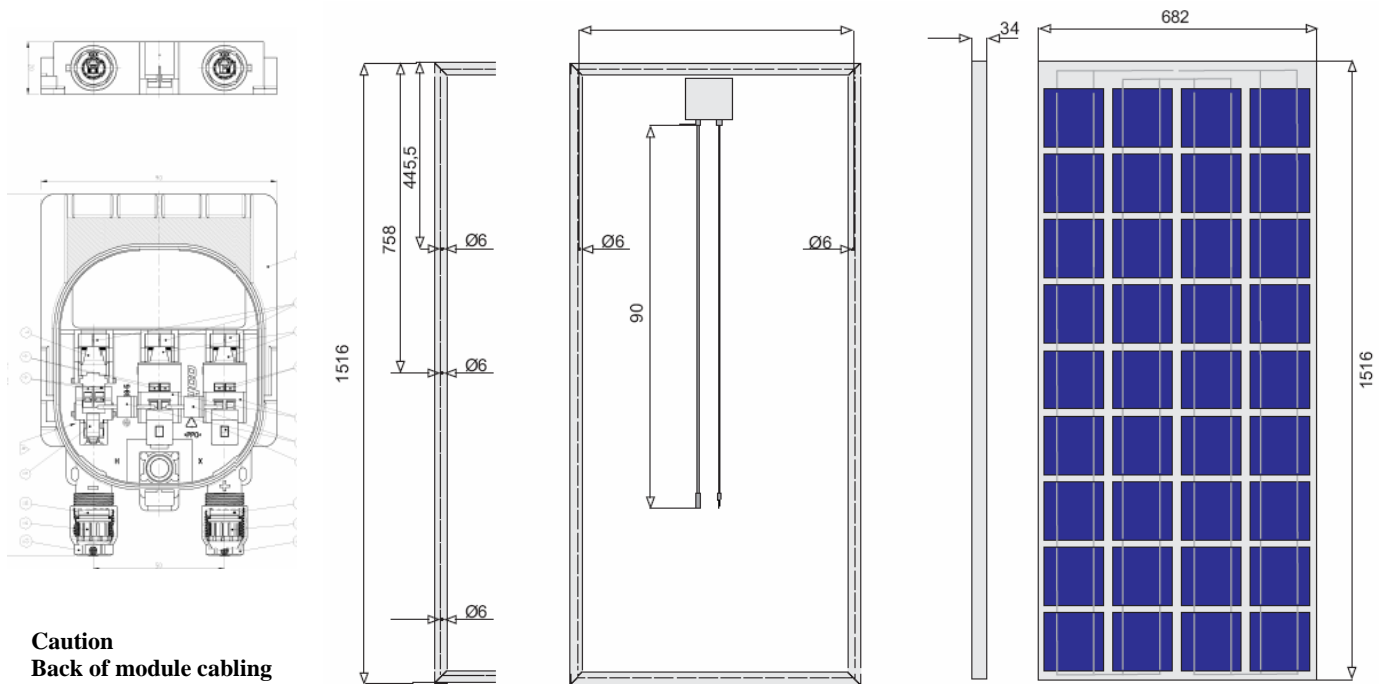
Rated power and maximum tolerance
120 : +- 3%

Connecting socket:
IP 65
Plug: type 4

Maximum system voltage 1000V

25 years 80% production guarantee

2 years product guarantee.



Caution

Back of module cabling

- 1) +cable into +plug in junction box
- 2) -cable into -plug in junction box

Note: Always check installation manual

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HEM photovoltaic is owned by Danish Solar Energy Ltd. We have been in the photovoltaic modules production since 1993 and are considered as one of the pioneers. All our high quality modules are produced in Scandinavian and they always comes with optimal performance.