

HEM - Photovoltaic

Top quality PV modules
Made in Denmark since 1993



Dansk Solenergi ApS - Danish Solar Energy Ltd. - HEM photovoltaic Panels

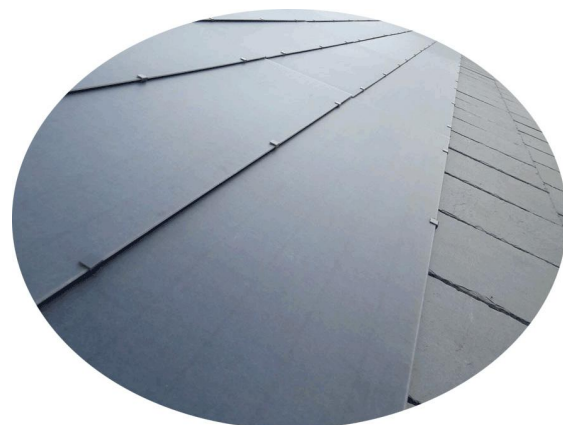
We have been producing photovoltaic modules since 1993 and our company is considered as one of the world's pioneers. Our high-tech full-automated factory in Denmark is capable of producing top quality panels for highly competitive prices.

CFR DARK GREY SLATE MODULE, CFR 65/75



Choose reflection value **ULTRA LOW RHEM 600** (see reflection rapport)

- The unique and fully automated production process at our factory in Denmark ensures a high level of precision and consistently high production quality.
- Our high-tech finishing machine produces a highly homogeneous design.
- The cells lie behind a special hardened-glass embedded in DSE composite. The backside of the module is sealed with a thermic high quality back-sheet film. The module stability is the result of special raw material, the lamination process and the glass structure, developed to resist the hazard environment these modules are put to.
- The unique, mounting system is fitted to the individual slates, to give the best esthetic look, beside it provide a strong and a water tight roof.
- The flat and compact connecting socket is mounted on the back of the module. The connecting socket has no hollow cavities. It is watertight, resistant to UV radiation and microbes, and very temperature resistant. This flat and compact top-quality product is an ideal solution for every application.



25 years Linear Performance Warranty:
90% output power within first 10 years, 80% within 25 years

Datasheet for CFR G24BCM5 (65-75Wp)

Physical Specifications

Weight: 6,5 kg
Glass: DS-structure (EN 12150) / Tempered glass
Module size: 1610 x 400 x 5,5 mm (visible 280-320 mm)
Junction box 22mm with With bypass diodes, cables and waterproof with connect model MC4. Cables length is 90cm. With bypass diode.

Characteristics for thermal behaviour

NOCT: 46°C * TK I_{sc} 0,04 %/K * TK V_{oc}: -0,30 %/K* TC P_{mp} -0.45% K

Power specification - Performance under standard test conditions (STC)

P_{mp} [W] 69 (+/- 5%)
V_{oc} [V] 16,09
I_{sc} [A] 5,572
V_{mp} [V] 13,38
I_{mp} [I] 5,16

Rated power and maximum tolerance: +/- 5%

Connecting socket: IP 65

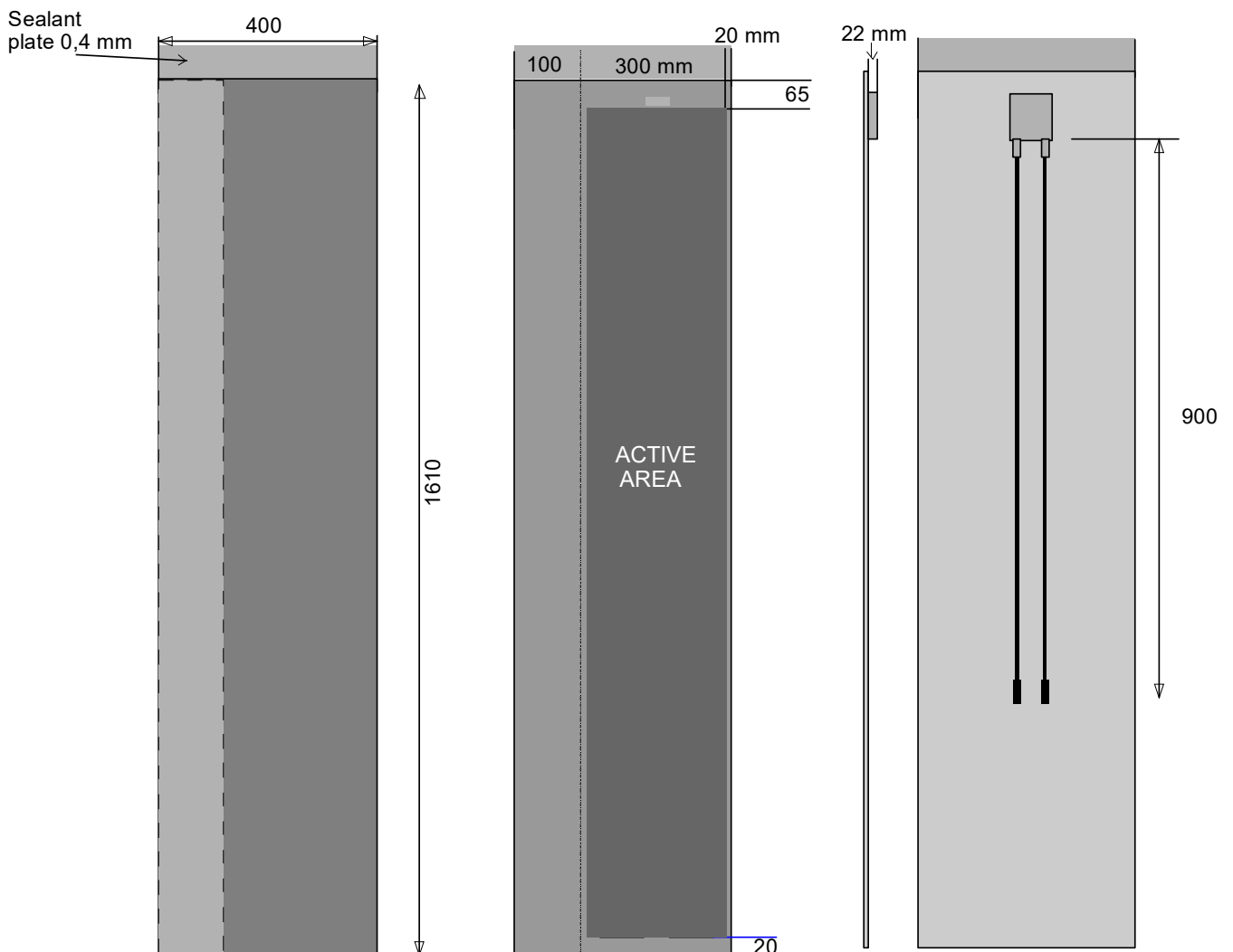
Maximum system voltage 1000V

25 years energy production
80% Warranty

Product Warranty.
5 years



All modules are produced according to International certifications IEC 61215, Safety class II and EN 61730



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