



CONERGY

Photovoltaic modules | Technical data

SR05-170 Module

Wide range of applications

- | Grid-connected photovoltaic systems between 1 and 100 kWp
- | Large PV systems and special projects

High quality components

- | Cells embedded in EVA (ethylene vinyl acetate)
- | Solarglass on the front side
- | Waterproof foil on the back side
- | High strength frame

Simple installation

- | Multi-contact (MCIII) plug supplied as standard

High quality finish

- | Optical, mechanical and electrical module testing during and post-production
- | Automated production line ensures consistently high level of product quality

Warranties and certificates

- | 10-year warranty on 90% of the nominal output
- | 25-year warranty on 80% of the nominal output
- | 2-year product warranty
- | IEC 61215
- | IEC 61730



PHOTOVOLTAICS

Nominal Power (P_{NOM})	170 W \pm 5%
MPP voltage (V_{MPP})	36.1 V
MPP current (I_{MPP})	4.71 A
Open-circuit voltage (V_{OC})	43.3 V
Short-circuit current (I_{SC})	5.00 A
Maximum system voltage	1000 V
Number of cells	72 (6x12) in series
Cell type	monocrystalline
Module dimensions	1580 x 808 x 35 mm
Module weight	15 kg
Connection	MCIII

Modules tested under Standard Test Conditions, which are defined as follows: radiation output of 1,000 W/m² at a spectral density of AM 1.5 (ASTM E892). Cell temperature of 25 °C. Normal Operating Cell Temperature: under 800 W/M², air masse 1.5 spectrum, wind velocity 1 m/s, T amb. 20 °C

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