

Clay roof tiles

Concrete roof tiles

Solar systems

MS 5 PV

The aesthetic energy system

Dächer, die's drauf haben

NELSKAMP

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MS 5 PV

The aesthetic energy system



Characteristics:

- Module integrates with the clay roof tile
- Optimal use of solar power through highly efficient monocrystalline cells
- Harmonic aesthetics: black cells
black frame – black backsheet
- Cell efficiency 18,3 %
- Positive performance tolerance: from 0 W up to +5 W for higher returns
- Product guarantee: 10 years, Performance guarantee: 10 years 90 % of nominal power
25 years 80 % of nominal power
- Quality: Made in Germany

Technical data	MS 5 PV
Module performance (Pmax)	120 Wp
Rated working current (Im)	9,23 A
Open circuit voltage (Voc)	16,00 V
Short circuit current (Isc)	9,86 A
Voltage at Pmax (Vmp)	13,01 V
Max. system voltage	1000 V
Temperature coefficient (Voc)	- 0,30 %/°C
Temperature coefficient (Isc)	+0,07 %/°C
Temperature coefficient (Pmpp)	- 0,38 %/°C
Hail resistance	IEC 61215 + IEC 61730
Cell efficiency	18,3 %
Module weight	9,5 kg
Module measures	1965 x 399 x 25 mm
Plugs	MC4 compatible
Solar cable	2 x 4,0 mm ² each 900 mm

STC: Sun intensity 1.000 W/m², module temperature 25 °C, air masses = 1,5
Stand: 29.06.2017 · technical information is subject to change