



Clay roof tiles

Concrete roof tiles

Solar systems

MS 5 2Power

Roof aesthetics for heat and electricity

www.revolution-ist-jetzt.de

Dächer, die's drauf haben

NELSKAMP



MS 5 2Power

Roof aesthetics for heat and electricity



Characteristics:

- Module integrates with the roof tile (BIPV)
- Optimal solar use:
Heat and electricity from one module
- Highly efficient monocrystalline cells
- Harmonic aesthetics: black cells - black frame
black backsheet
- Innovative full surface heat absorber
- Active cell cooling for higher performance
- Snow free in winter due to defrosting function
- Positive performance tolerance: from 0 W up
to + 5 W for higher returns
- 2Power - registered trademark and
patented technology
- Product guarantee: 10 year, Performance
guarantee: 10 years 90 % of nominal power
25 years 80 % of nominal power
- Certification: TÜV Rheinland, ITW Stuttgart
- Quality Made in Germany

Technical data	MS 5 2Power
Electrical performance (Pmax)	120 Wp
Thermal performance (Pmax)	256 W
Max. fluid temperature ca.	80°C
Max. system pressure (Pmax)	6 bar
Voltage at Pmax (V_{mpp})	13,01 V
Current at Pmax (I_{mpp})	9,23 A
Open circuit voltage (Voc)	16,00 V
Short circuit current (Isc)	9,86 A
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
Weight without fluid	9,54 kg
Weight with fluid	11,0 kg
Snowload	5400 N/m ²
Windload	3000 N/m ²
Module measures	1965 x 400 x 25 mm
Plug	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 subject to change

