

HKW Solar Tower: When there is not enough space on the roof Sharp NQR256A - the basis of a creative idea HKW Solar Energiesysteme UG, 37671 Höxter

The ideal solution for all who:

- are short in space
- do not want to use the roof, or are not allowed to
- want to expand their photovoltaic system
- want to produce more electricity

Sharp Module:

Product:	Sharp NQR256A
Maximum Power:	256 Wp
Cells:	48
Compact size:	1318 x 980 x 46 mm
Best-in-class efficiency:	19.8%

20 modules

8 meters high



16 modules

8 meters high



Registered
Community Design
Nr. 004 130 516

12 modules

6 meters high



Other advantages:

- Barely affected at all by dirt, dust and snow
- Higher yield due to better heat dissipation (ventilation)
- The tower can be combined and expanded with other power generators
- 26% more output over the same area compared with 270W standard modules
- The modules can be angled for better sun alignment

Summary of HKW Solar:

"There is currently no comparable solution on the market. We do not view our solution as direct competition to solar roof installations. It is rather a supplementary solution, or a solution for all instances where a roof installation is out of the question. Firms can also use the tower to visibly project an image of their company as being environmentally friendly. Or the tower can be used to provide electricity to free-standing facilities, e.g. a bicycle station.

We selected Sharp's NQR256A solar module because of its compact size and high performance within a small amount of space. This allows us to achieve good yields for the customer using all 4 sides of the tower.

We are currently expanding our sales network. Interested installers and sales partners are welcome to contact us. For the end customer packages can be created that include the battery and the inverter."

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