

Perfect garage design based on Back Contact Modules

Case Study

Installation: Ulriceham, east of Gothenburg, Sweden

System

System size:	8,70 kWp
Number of panels:	34
Roof orientation:	155°/+-90°
Degree roof pitch:	15° south / 3° east/west



Modules

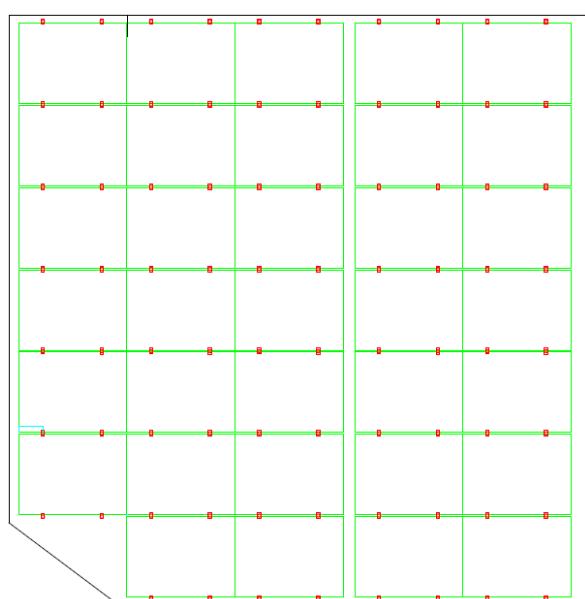
Type:	Sharp NQR256A
Maximum power:	256 Wp
Cells:	48
Compact size:	1318 x 980 x 46 mm
Best in class efficiency:	19.8%



Consumption

Power consumption:	10,000 kWh / year
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Installation plan



The operator says

"My old carport was in bad condition so I decided to build a new one. I had since long thought of solar power and now it was time to act.

The garage is placed between two buildings so the space is limited. Therefore it was essential to choose solar modules with as high efficiency as possible. Having the choice between low price and high quality I have chosen high quality as I expect my installation to last more than 30 years. That's why I have chosen Sharp NQR256A. The roof is built for maximizing the use of the Sharp modules."

Lennart Claesson