

SE – DOMESTIC INSTALLATION FEAT. COMBINATION OF N325 + N285



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| Location: | Furulund, Skåne, Sweden | Inverter: | SolarEdge + Optimisers |
| PV Modules: | 16x HIT® N325 + 4 HIT® N285 | Output & configuration: | 6.34 kWp (41% more*) |
| Installation: | June 2016 | Configuration: | South-facing, 30° roof tilt |
| Installer/EPC: | Egen Sol og Vind in Hurva (Skåne) | Expected gener.: | 6593.6 kWh/year 1 (PVGIS) |

*: compared to standard 60-cell, 1.65x1 m 280Wp modules, 16x280 = 4.48 kWp

This customer in South Sweden was determined to go solar but had two conditions: his roof would have to be completely covered by the modules to get best-possible aesthetics and the system would have to offset the maximum amount of conventional energy as possible.

Second point is key in Sweden, where electricity consumption is high compared to other European countries and where solar is just starting to be considered as an option to reduce long-term electricity costs and increase sustainability of homes. The higher the output on the roof, the bigger share of energy which will be locally produced and consumed.

Installer Egen sol og Vind thought initially to propose standard 60-cell, 280 Wp modules, returning around 4.5 kWp of power in total. This was not meeting any of the customers conditions, so a high efficiency system by Panasonic was the next option.

While 16 x HIT® N325 were already achieving 5.2 kWp (16% more power), the first condition was not satisfied. It was then when Mr. Michaelsen from Egen Sol og Vind thought out of the box and took advantage of Panasonic HIT®'s 3-format range to propose a combination of N325 and N285, which being equally wide, perfectly matched the available roof surface and elevated the final system output to 6.34 kWp or 41% more than the initial proposal.

The result: a happy customer, a proud installer and highest-possible long-term energy saving and carbon footprint reduction!

Panasonic HIT®, 3 high-efficiency module formats for more power on any roof!