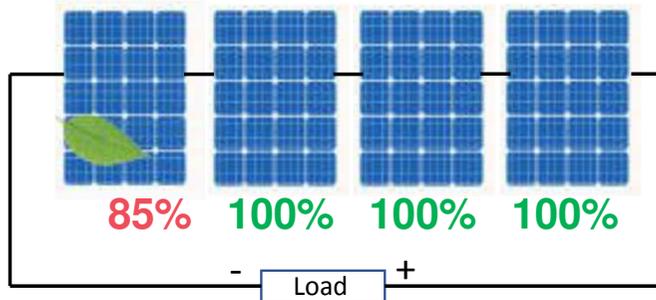


Optimizer or not?

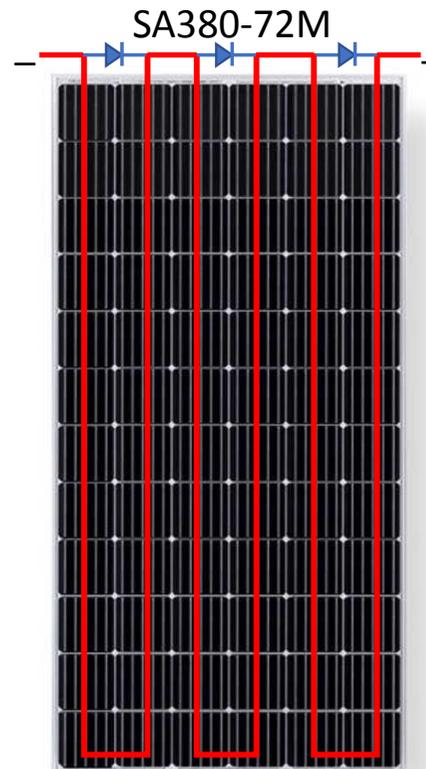
My own tests

Without optimizer



My own tests were done with 4 SA380-72M. The solar power at the time of measurement was about 920 W / m². The load was 420 Ohm, purely resistive. I shielded some parts of the first panel, or the entire first panel. The voltage from the unshielded panels was from each about 46,5V, regardless of the shading of the first panel. The voltage drop across the first panel was about -1 volts when fully covered. So how can you motivate an optimizer, for me the bypass diodes make about the same effect?

Kalle Hellberg

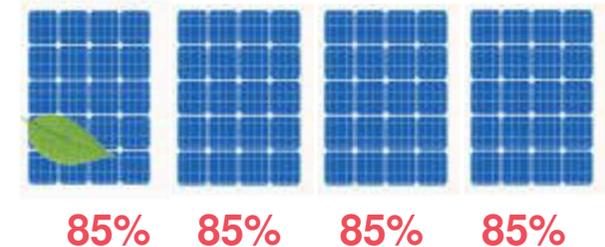


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According to your brochure

Without optimizer



With optimizer

