

## Spectral Response of the solar panel

The solar panel that Verosol is looking for has the highest Spectral Response in the visible light area. As the graph below clearly shows that the energy content of solar radiation is at highest in the visible light (380...780 nm) area. Also modern glazing is spectral selective, only transparent for visible light radiation. High performance Mono Crystalline cells are showing a good spectral response between 400 Nm and 1100 Nm. For our application the solar radiation part between 800 and 1100 Nm would not be used. Therefore: any type of PV that shows very good responses in the visible light area 400 ...800 Nm should be considered.

