Solar power simulator online

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PV*SOL online is a free tool for the calculation of PV systems. Made by the developers of the full featured market leading PV simulation software PV*SOL, this online tool lets you input basic data like Location of your system, Load profile and annual energy consumption, PV module data (manufacturer, model, orientation, quantity etc.), Inverter manufacturer. Our automatic configuration manager will then search for the optimal connection of your PV modules and the inverter that suits best. After the simulation of the system, the results are presented: Annual PV energy, Performance ratio, Own power consumption, Solar fraction, and many more ...

Here you can enter your country and city, easy by clicking on a map - worldwide. You will see the latitude and longitude of your location

The Annual global irradiation and Average temperature is displayed as well.

You can choose between 1-person or 2-person household with 2 children. 2-person household with 1 child, 2-person household. BDEW load profile business, Household - load profile with high night proportion

the Annual consumption can be entered in kWh, Kilo-Watthours, energy per year

You can choose modules from our extensive database, comprising solar panels by Manufacturers like:

monocrystalline, polycrystalline. CIS, HIT, CdTe, mono. poly, silicon, n-type

Roof parallel, roof integrated - rear ventilation, mounted - roof, mounted - open area

You can choose modules from our extensive database, comprising AC/DC inverter by manufacturers like:

Get best configuration, in terms of sizing factor, MPP and inverter. Number of PV modules per string, parallel strings in connection, PV field.

MPP, maximum power point and Dimensioning factor

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Contact us for free full report

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