

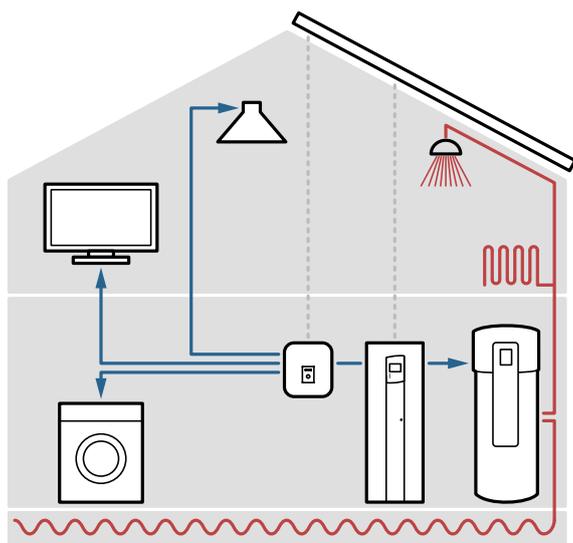
# e.Designer

## Software for designing PV systems

Specifications



**BOSCH**



- ▶ Innovative software for designing PV systems
- ▶ Integrated module and location database
- ▶ Option to combine with an electrical heat pump and/or an electrical battery system
- ▶ Profitability calculation with innovative graphic showing profitability of the investment
- ▶ Simple and easy to use

e.Designer is an innovative software program for designing PV systems with Bosch Power Tec inverters and storage systems. The intuitive e.Designer software now enables the optional combination of PV systems with thermal or electrical storage systems all in one program. Through the graphic visualisation, the economic sustainability of the investment in a PV system and the optional combination with thermal and/or electrical storage systems is calculable and transparent.

### **Planning and calculating the profitability of PV systems**

e.Designer is an intuitive program which enables the user to design and calculate the profitability of PV systems with Bosch inverters and battery storage systems as well as thermal storage systems in the form of heat pump systems. Based on an extensive module and location database, e.Designer gives you the option to precisely calculate profitability.

### **Combination with thermal and electrical storage systems**

Given the drop in feed-in tariffs and rising prices for fossil fuels, own power consumption using PV electricity is becoming increasingly attractive. This is where

e.Designer provides the option to combine thermal and electrical storage systems in one program. Using a heat pump and a battery, further significant increases in own power consumption can be made and thus additional spending reduced.

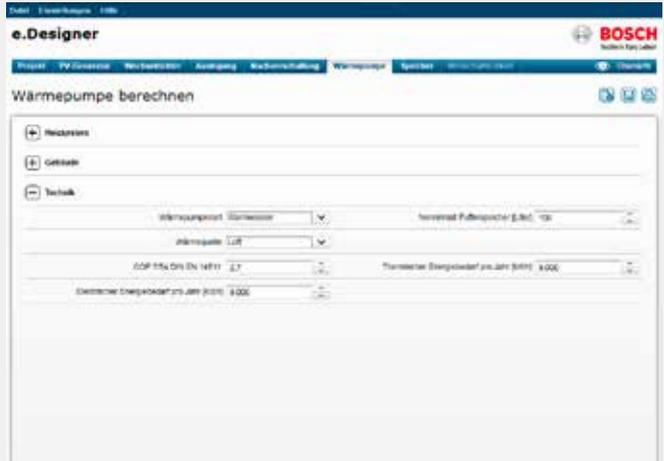
### **Calculating the efficiency of the system combination**

The efficiency and profitability of the investment is calculated from combining the realised values from own consumption and the feed-in tariff with the spending on all purchasing and operating costs. Innovative graphics visualise and clearly illustrate the profitability of the PV system.

Calculating the heat pump in the e.Designer software



Relevant heat-pump parameters are recorded



Profitability calculation integrated in the e.Designer tool



Defining the size of the electrical storage system



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