Combined Heat and Power Generators (CHP)

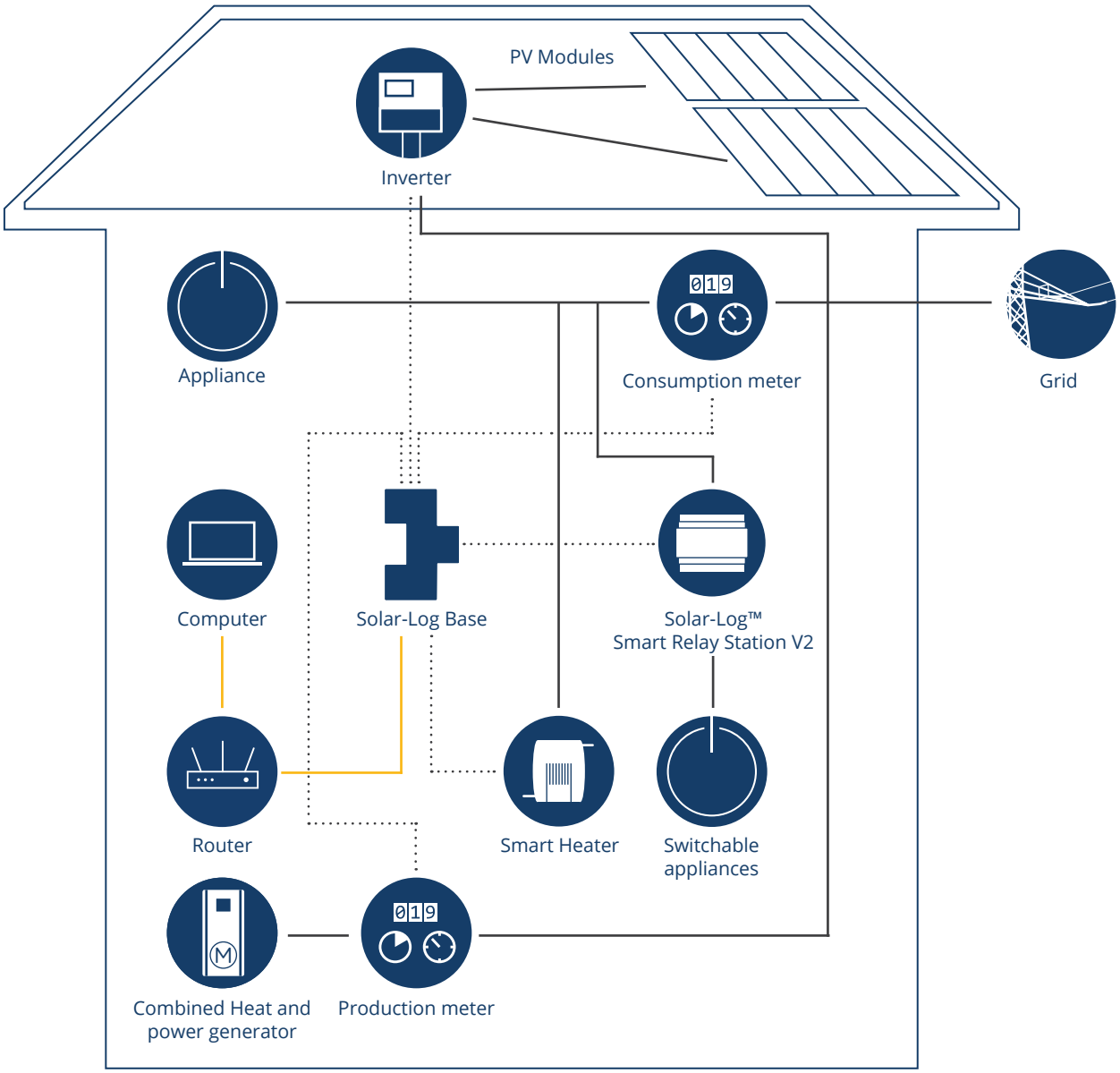
Optimally Using the Produced Power

With the help of energy meters, the Solar-Log™ can record and visualize the production from a combined heat and power generator (CHP). Only two power meters need to be connected to the Solar-Log™. One of the meters records the current power output and the other one the consumption.

When there is a high heat demand, the consumption of power produced by combined heat and power generators (CHP) is optimized and the operating times are shortened in combination with intelligent electrical appliances such as the AC ELWA-E. This allows unprofitable grid feed-in to be avoided and the Solar-Log™ can be used as a central monitoring and control element.

Even More Advantages for Plant Owners

- Record and visualize the output generated from a combined heat and power generator (CHP) device and PV plants.
- Avoid unprofitable grid feed-in by using the surplus to operate intelligent appliances.
- Align production and consumption times.
- The combined heat and power generator (CHP) device is turned on depending on the current power consumption situation and makes more efficient utilization of power possible, especially in the summer months.



Required Hardware

- 1 x Solar-Log Base
- 2 x 3-phase meter RS485 or S_0
- 1 x AC ELWA-E

Optional

- Solar-Log™ Smart Relay Station V2 or other networked smart plugs to activate appliances.