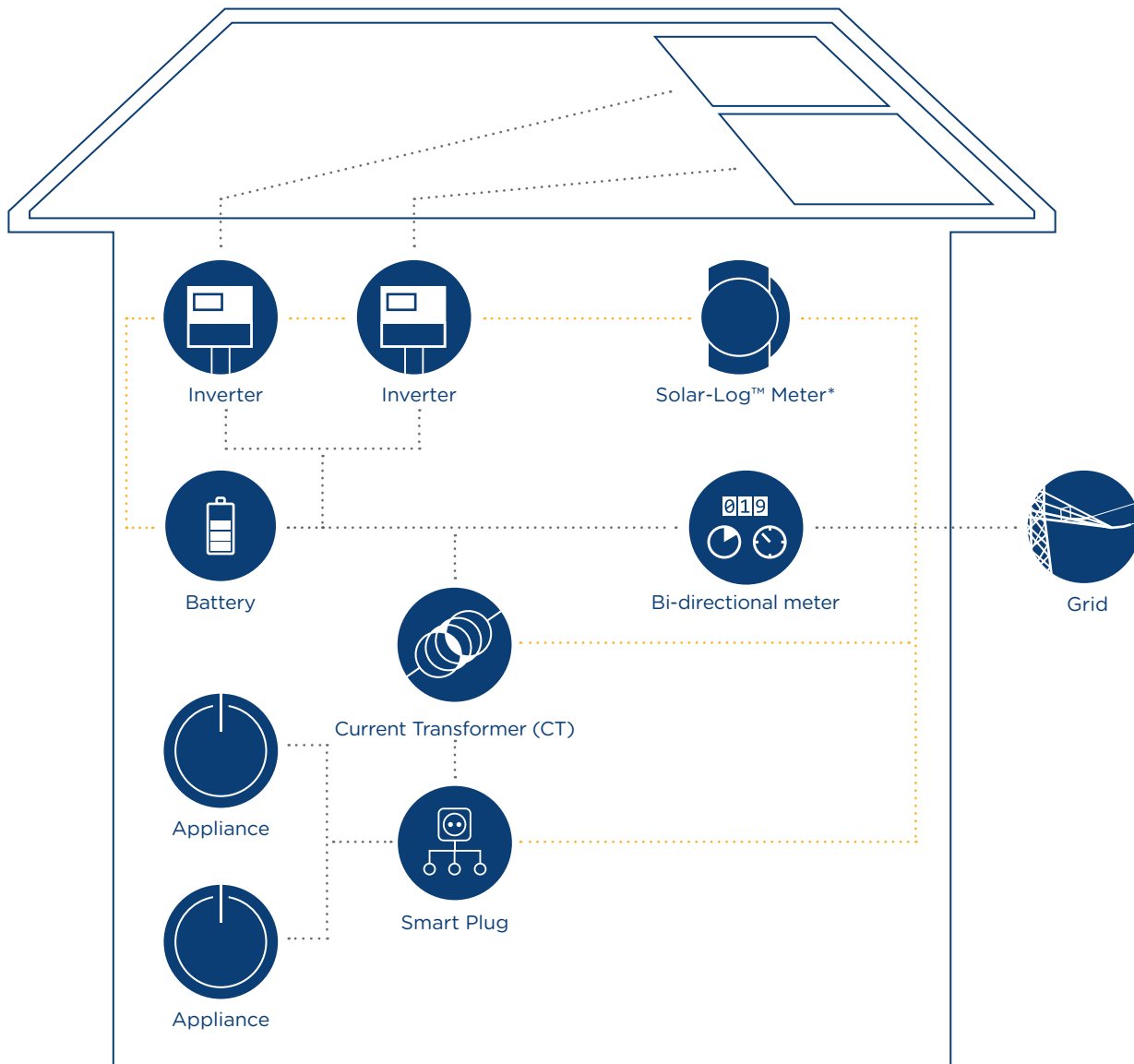


Smart Energy with Solar-Log™

The intelligent energy management system



*Please refer to your local regulations to see if using measuring transducers to record the total consumption for regulated grid feed is allowed.

Clever control of self-produced power

All Solar-Log™ devices offer the option to precisely control appliances via the Solar-Log™. Additional options to control appliances include networked “smart plugs” and the integrated relays such as Solar-Log™ Smart Relay Stations on the Solar-Log 300, 1200 and 2000.

Consumption of self-produced power can be automatically controlled and optimized with a Solar-Log™ Meter, Solar-Log™ CTs and an additional consumption meter.

You can operate Solar-Log 1200 and Solar-Log 2000 devices directly. The graphical reports of a PV plant's yield and consumption data are visualized on the color TFT display.



Graph of the daily consumption from the connected appliances

Small appliances such as freezers and laundry dryers can also be monitored and controlled via “smart plugs.” Smart plugs fit on top of existing electrical outlets and measure the power consumption of the device connected to the outlet and send this data to the Solar-Log™. As a result, every individual smart plug can be displayed in the graphic with the total consumption. This helps you to easily identify power-hungry appliances.

Visualization of self-produced power consumption



Solar-Log™ is the intelligent energy management system for photovoltaic plants. The self-consumption is displayed, presented and efficiently controlled. The generated output and the consumption of the PV plant are displayed in the "Balance" section.



The break-even point is calculated with the help of plant yields and of nominal values based on the yield forecast. It indicates the point when the investment is making a profit.