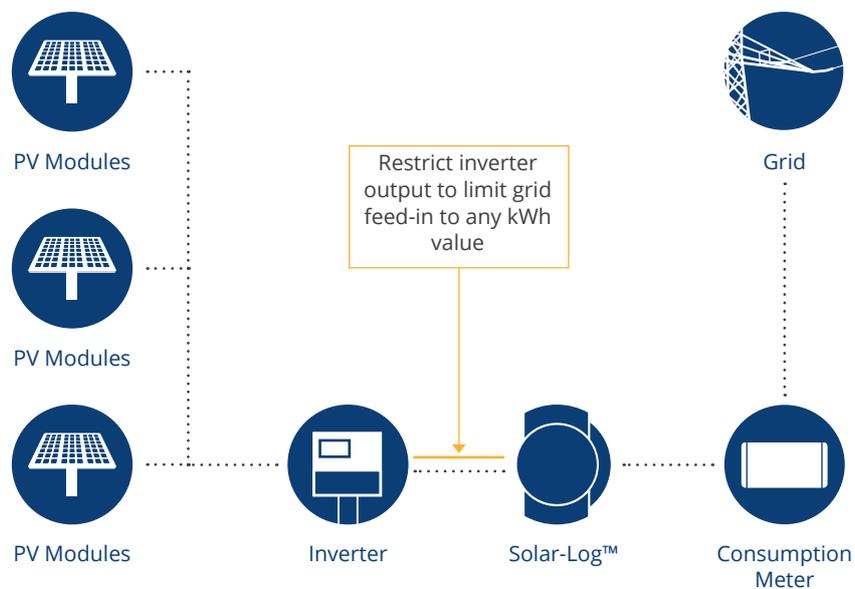


Powermanagement

Intelligent Grid Feed-in Control

Solar-Log™ offers a wide range of solar PV powermanagement solutions to meet various grid feed-in restrictions across the globe. Solar-Log™ provides grid feed-in control by monitoring building load and restricting inverter power output. This innovative solution largely Minimizes losses that result from feed-in caps proposed by grid operators or other regulations, and offers advanced solutions for a more reliable, stable grid.



- Maximize on PV plant size while adhering to local feed-in restrictions
- Increase PV plant return on investment by shifting peak demand
- Direct PV power towards self-consumption and storage after feed-in cap is met
- Solar-Log™ calculates the current power surplus and can turn appliances on/off via networked smart plugs or smart relays to optimize self-consumption
- Control power factor, increasing reactive power
- Maintain PV plant profitability even after net metering caps have been met

Limited feed-in power

Limited Grid Feed-in

Solar-Log™ measures building consumption with an integrated consumption meter. The inverters are adjusted accordingly to ensure that grid export (the difference between the current production and consumption) does not exceed the maximum amount specified. With the use of a consumption meter, Solar-Log™ is able to control grid feed-in by either a certain percentage of the total PV inverter power or in kW.



Zero Grid Feed-in

In area where grid feed-in is not allowed at all, Solar-Log™ controls the inverters to produce just enough power to cover the building load, resulting in zero grid export.

