

POWER REDUCER BOX

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Reliable

- Complies with the German EEG* amendment on feed-in management
- Logging of all events and status changes

- Meets the requirements of the German Medium-Voltage Directive (BDEW)** for grid safety management

Flexible

- Active power limitation and reactive power setpoint
- Reliably controls up to 2,500 inverters

Simple

- Straightforward integration into existing plants
- Easy installation
- Free support from the SMA Serviceline
- Integrated web server

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Feed-in management for PV plants

With the Power Reducer Box, SMA provides a solution for large-scale PV plants that take part in feed-in management. It allows the grid operator to remotely control the plant performance in cases when the grid is overloaded. It achieves this by translating the transmitted set point values into control commands for the Sunny WebBox, which forwards them to the inverters. During this process each change of status is logged twice, in the Power Reducer Box and in the Sunny WebBox. In addition, the grid operator's requirements are visualized in Sunny Portal that can immediately inform the plant operator via email about undertaken power limitations.

* German Renewable Energy Sources Act

** Guideline established by the German Federal Association for Energy and Water

