

# DYNAMIC FEED-IN MANAGEMENT FOR PV SYSTEMS

ZERO FEED-IN NOW ALSO POSSIBLE



/ Today, an increasing number of grid operators in various countries are stipulating a PV power feed-in limit as a precondition before a system may be connected to the grid. With dynamic power reduction, Fronius is offering a solution for optimum feed-in management. The inverter supplies the household consumers with energy first and then reduces the system output to the maximum energy feed-in permitted by the grid operator. With Fronius inverters, zero feed-in is also a possibility thanks to this function, meaning that no PV power is fed into the grid. The relevant requirements of the grid operator can be fulfilled by simply enabling a setting on the inverter's web interface.

## DYNAMIC POWER REDUCTION

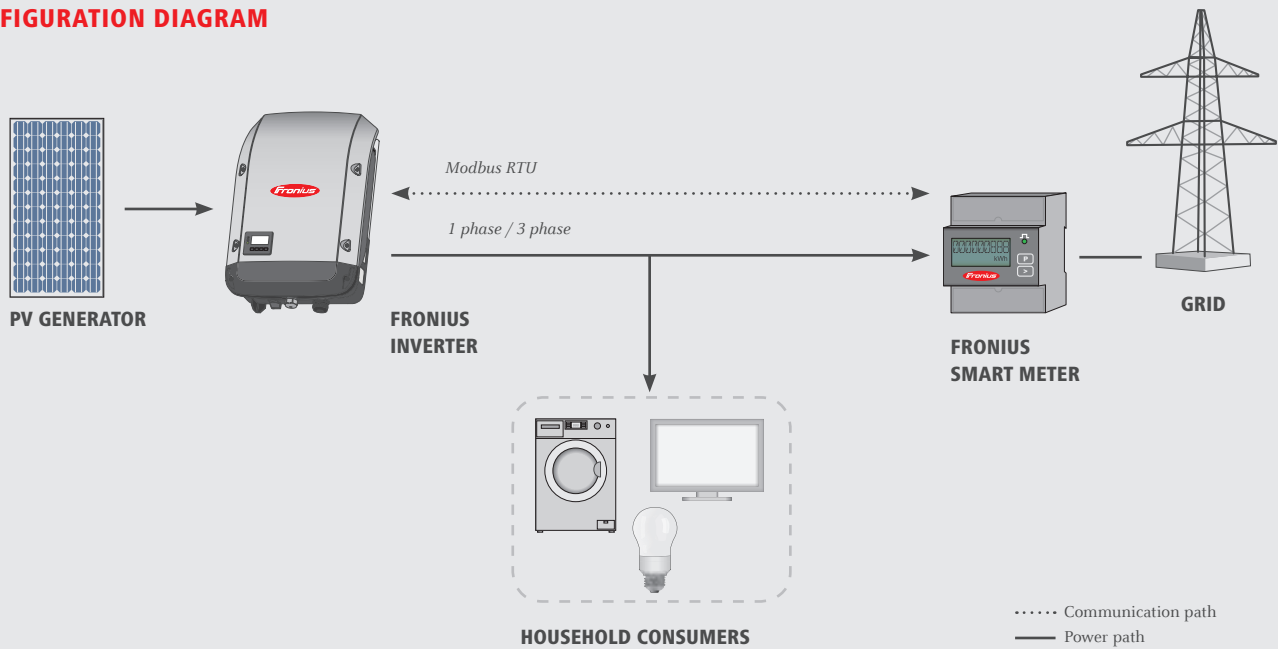


/ Dynamic power regulation takes into account the current energy requirement in the household before implementing a PV system power reduction. For this, Fronius inverters can be easily connected to a Fronius Smart Meter via the Modbus RTU interface. The bidirectional meter records and optimises self-consumption and offers extremely rapid and precise dynamic feed-in management. Together with Fronius Solar.web, the Fronius Smart Meter provides a transparent overview of energy usage within the home.

PV system owners can then make optimal use of their self-generated electricity and maintain maximum grid in-feed. The feed-in limit can be adjusted to suit individual needs (from -10% to 100% of the overall DC power).<sup>1)</sup>

<sup>1)</sup> Please agree your feed-in limit with your grid operator.

## CONFIGURATION DIAGRAM



/ Function supported by all Fronius SnapINverter inverters with integrated Fronius Datamanager 2.0, Fronius Smart Meter is required. Fronius Datamanager 2.0 and the Fronius Smart Meter can be retrofitted at any time into pre-installed inverters.

Visit [www.fronius.com](http://www.fronius.com) for information about in-feed management

/ Perfect Welding / Solar Energy / Perfect Charging

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/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,700 employees worldwide, we shift the limits of what's possible - our record of over 800 granted patents is testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

Further information about all Fronius products and our global sales partners and representatives can be found at [www.fronius.com](http://www.fronius.com)

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