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Feed-In control capability for PV Systems

Manufacturer: FIMER S.p.A.

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herewith state under our sole responsibility that the solar inverters series for photovoltaic power systems with type marking:

PVS-175 Family Product
PVS-100/120 Family Product
PVS-50/60 Family Product
PVS-10/12.5/15/20/30/33 Family Products
UNO-DM Family Products
React-2 Family Products

to which this statement relates, are capable to control and reduce the feed-in power at point of connection automatically and without the need of any external controller

The Export Limit can be set to any value, included but not limited to Zero Export mode with almost 100% self-consumption.

Inverter integrated control capability ensures that the power generated by the PV inverters is always dynamically controlled to compensate the site consumption and to avoid that the overall three-phases active power exceed the Export Limit.

If an active load within the site is switched off, the feed-in power exceeding the Export Limit will be automatically reduced below the Export Limit within a reaction time in the range of 500ms – 1700ms and a settling time in the range of 1.5s – 5s*.

Export Limitation function can be configured to apply fail-safe schemes and guarantee the Export Limit at point of connection also in case of loss of control or measurement point.

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* settling and reaction time are affected by energy meter model

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