

## SMA Data Manager M(EDMM-10)- Configuration for Limited Export

1. Login to Data manager M via WebUI and select option "Grid management service". Then select service as Active power and go for configuration.

The screenshot shows the SMA Data Manager M WebUI interface. The top navigation bar includes the SMA logo, the title "SMA DATA MANAGER M", and a breadcrumb trail: "Data Manager Raum 338" > "Select Device". A left sidebar menu is open, showing options like "System properties", "Device administration", "Parameter", "Grid management service", and "Meter configuration". The main content area is titled "Grid management service" and contains a table with the following rows:

Service	Status	Action	Action
Active power	Active	<a href="#">Go to Configuration</a>	<a href="#">Delete &amp; disable</a>
Reactive power	Active	<a href="#">Go to Configuration</a>	<a href="#">Delete &amp; disable</a>
Assign analog outputs		To use this function, a I/O system with analog outputs must be implemented in your system.	
Assign digital outputs		<a href="#">Go to Configuration</a>	
Country data set		<a href="#">Go to Configuration</a>	

2. Under configuration, input total Rated ac power of PV system/Inverters.

The screenshot shows the configuration page for the "Grid management service" in the SMA Data Manager M WebUI. The page is titled "Grid management service" and has a progress indicator showing "1. STEP" selected, followed by "2. STEP", "3. STEP", and "4. STEP". The main content area is titled "SYSTEM CONFIGURATION" and contains a form with the following fields:

Total system power\*  W

At the bottom right of the configuration area, there are two buttons: "Cancel" and "Continue".

3. Then Select Operating mode as “Closed loop” and Signal source via “Manual control”

**Grid management service** i

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1. STEP    **2. STEP**    3. STEP    4. STEP

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SELECT OPERATING MODE

Operating mode\*

Open loop control

Closed loop control

SELECTING THE SETPOINT

Signal sources\*

Analogue inputs

Manual control

Digital inputs

Modbus

If your system participates in the direct selling, you can activate the necessary interface here in the communication device.

Direct selling interface:

CancelPreviousContinue

4. Select active power setpoint. for zero export it must be "0"

**Grid management service**

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1. STEP    2. STEP    **3. STEP**    4. STEP

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**Setting of the signal sources**

MANUAL CONTROL


CONSTANT SETPOINT

Active power setpoint\*

%

CancelPreviousContinue

5. Select setting time and gradient (ramp rate)

Grid management service 

1. STEP   2. STEP   3. STEP   **4. STEP**

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MODIFICATION SPEED OF THE SETPOINT

Active


Setting time\*  s

Active power gradient\*  %

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6. Verify meter configured is connected at grid connection point, use both channels from that meter.

Meter at the grid feed-in point 

Electrical

Position	Device	Channel
Grid-supplied power	<input type="text" value="SMA Energy Meter 1900209825"/>	<input type="text" value="Grid reference counter"/>
Grid feed-in	<input type="text" value="SMA Energy Meter 1900209825"/>	<input type="text" value="Grid feed-in counter"/>