# Power reducer box Lesotho



What is a power reducer box?

The Power Reducer Box is for PV plantsthat have to implement network operator setpoints for active power limitation and reactive power operation under grid management. The network operator can use the Power Reducer Box to temporarily and remotely limit the feed-in capacity of the PV plant in the case of a grid overload.

#### What is SMA power reducer box?

Active power limitation and reactive power setpoint Reliably controls up to 2,500 inverters Straightforward integration into existing plants Free support from the SMA Serviceline With the Power Reducer Box, SMA provides a solution for large-scale PV plants that take part in feed-in management.

Why is the power reducer box not available via the user interface?

The Power Reducer Box is not available via the user interface. The network settings of the router do not correspond to the Power Reducer Box network settings. Set the router to the Power Reducer Box network settings. If necessary,refer to your router manual. The Power Reducer Box is not available via the user interface.

### What if the power reducer box cannot be registered?

Incorrect request of the Power Reducer Box. Contact the SMA Service Line. "The device cannot be registered. Error code: " "Error. Please contact the service department." The data requested from the Power Reducer Box is access-protected. Contact the SMA Service Line. "The device cannot be registered.

#### How do I update a power reducer box?

In the " Check for update at (hh:mm): 24-hour format" field, enter the time at which the Power Reducer Box should search for available updates in the SMA Update-Portal. In the " Download update at (hh:mm): 24-hour format" field, enter the time at which the Power Reducer Box should download the update. Select [Save].

#### How do I fix a power reducer box error?

Ensure that the Power Reducer Box is correctly connected to the local network (see Section 8.1.7). If the Power Reducer Box is correctly connected to the local network, determine the cause of the error using the events logbook (see Section 9.3) and fix it. If the problem persists, contact the SMA Service Line (see Section 15 "Contact", page 76).

SMA Power Reducer Box. Feed-in management for PV plants. With the Power Reducer Box, SMA delivers a solution for PV plants that take part in feed-in management. It allows the grid operator to remotely control the plant ...

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SMA Power Reducer Box. Feed-in management for PV plants. With the Power Reducer Box, SMA delivers a solution for 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.

Never touch electrical appliances with wet hands Avoid overloading of socket outlets Have your electrical equipment serviced periodically and adjusted as needed (heating, ventilation, air-conditioning, refrigerators etc) First switch off power before unplugging electrical appliances Do not join extension cords with tapes Use electricity sparingly at all times in order to save ...

Never touch electrical appliances with wet hands Avoid overloading of socket outlets Have your electrical equipment serviced periodically and adjusted as needed (heating, ventilation, air-conditioning, refrigerators etc) First switch off ...

The following table shows which inverters are compatible with the Power Reducer Box, and which setpoints (effective power control, reactive power setpoint, displacement power factor cos. ?) ...

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The following table shows which inverters are compatible with the Power Reducer Box, and which setpoints (effective power control, reactive power setpoint, displacement power factor cos. ?) the inverters can implement. To implement each setpoint, you must set the reference parameter in the Power Reducer Box to either Plimit or Pmax.

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