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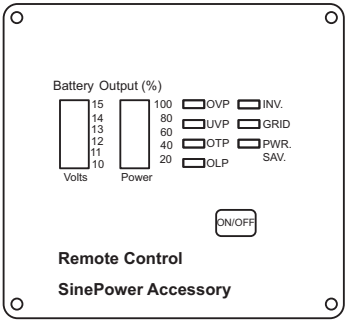
ENERGY & LIGHTING
SINEPOWER



MCR7

EN **Remote control**
Operating manual

Please read this instruction manual carefully before first use, and store it in a safe place. If you pass on the product to another person, hand over this instruction manual along with it.

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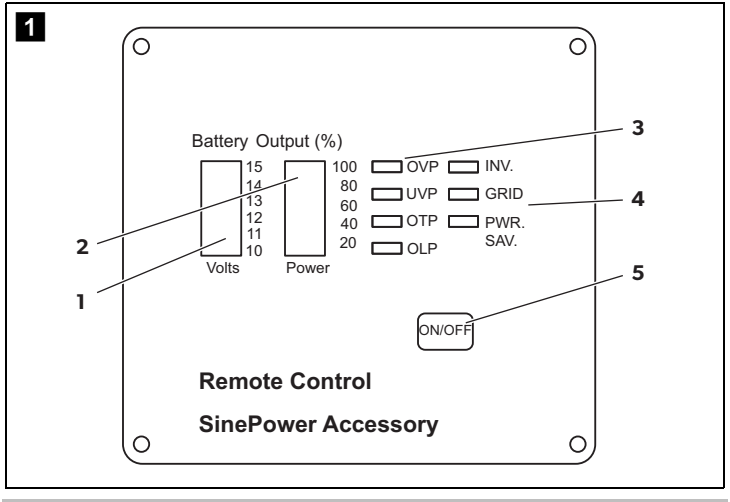
1 Intended use

The MCR7 remote control is suitable for switching on/off the following inverters via the "remote port II" (see also the operating manual for the inverter):

- MSI912, MSI1812T

2 Technical description

2.1 Power display



No. in fig. 1, page 3	Description	Meaning
1	Battery	This bar graph shows the battery voltage in volts. The display should be in the green area. If the display is above or below in the red area, a warning tone sounds, the display flashes and the inverter will be switched off.
2	Output Power	This bar graph displays the output power received by the appliance as a percentage. The display should be in the green or orange area. If the display goes over into the red area, a warning tone sounds, the display flashes and the inverter will be shut off.

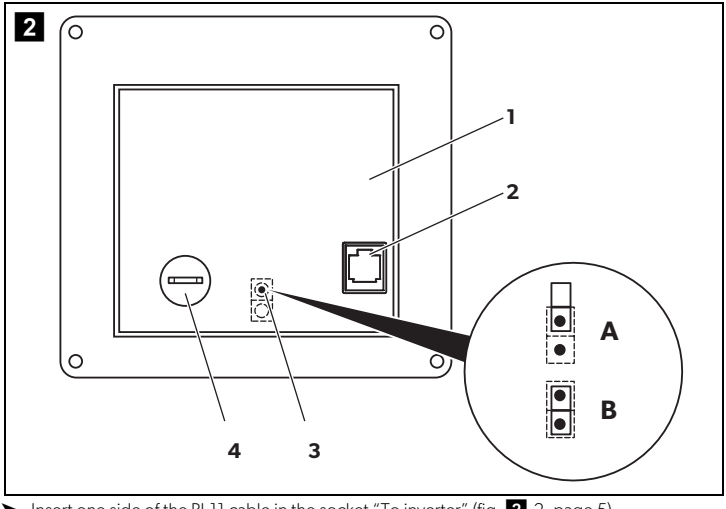
2.2 Error displays

No. in fig. 1, page 3	Description	Meaning
3	OVP	This LED shows that the inverter is switching off due to overvoltage.
	UVP	This LED shows that the inverter is switching off due to low voltage.
	OTP	This LED shows that the inverter is switching off due to overheating. This LED switches off when the inverter has cooled down.
	OLP	This LED shows that the inverter is switching off due overloading or short-circuiting.

2.3 Status displays

No. in fig. 1, page 3	Description	Meaning
4	INV	This LED shows that the inverter is in standby mode.
	GRID	No function
	PWR SAV.	This LED shows whether the inverter's energy saving mode (standby) is activated. • **Constant glow:** The energy saving mode is switched on. • **Flashing:** The inverter is in energy saving mode. • **Off:** The energy saving mode is switched off.

3 Connection



➤ Insert one side of the RJ-11 cable in the socket "To inverter" (fig. **2** 2, page 5).
➤ Insert the other side of the RJ-11 cable into the "Remote Port II" of the inverter.

Switching on/off by external signal

The remote control enables the optional switching on/off of the inverter by external signal:
➤ Loosen both Phillips screws and take off the cap (fig. **2** 1, page 5).
➤ Set the desired connection on the jumper (fig. **2** 3, page 5):
  – Jumper open (**A**): **Switching off** inverter by positive battery voltage
    When a plus signal is present on the control cable, the inverter is switched off (suitable e. g. for roof air conditioners). If **no** signal is received, the inverter works in the previously activated function.
  – Jumpers closed (**B**): **Switching on** inverter by positive battery voltage
    When a plus signal is present on the control cable, the inverter is switched on and remains on as long as the plus signal is present.
➤ Assemble the cap (fig. **2** 1, page 5).

NOTICE!
The control cable has to be secured by a suitable fuse (≤ 1 A.)

➤ Connect the 12 V control cable at the remote control connection (fig. **2** 4, page 3).

4 Service

➤ With the "On/Off" button (fig. **2** 2page 3) switch the inverter on or off.
✓ An acoustic signal sounds.

5 Disposal

➤ Place the packaging material in the appropriate recycling waste bins wherever possible.

If you wish to finally dispose of the product, ask your local recycling centre or specialist dealer for details about how to do this in accordance with the applicable disposal regulations.

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