

The smartphone charging module SUSE 4.17

The **smartphone charging module SUSE 4.17** is a DC-DC converter to be connected to solar modules with a voltage of approx. 7-24 V, that is about 14-36 solar cells in series connection.

A solar module or a series connection of several solar cells is connected to the input jacks (red=+, black=-), the red input LED between the jacks glows, if the module voltage >7 V is applied.

The output is a USB socket with a voltage of 5.0 V DC and a maximum current of 1200 mA. If the output voltage is applied, a green LED glows.

Ideal for the operation are commercially available 5 W....40 W solar modules with 18 - 36 solar cells in series connection and an open circuit voltage of about 11....24 VDC.

Connection to SUSE solar modules at the input jacks:

1 solar module SUSE 4.41, SUSE 4.42 or SUSE 4.51

or

14 - 36 modules with 1 solar cell in series connection, e.g. SUSE 4.2, SUSE CM4, SUSE CM6....

or

5 - 12 modules with 3 solar cells in series connection, e.g. SUSE 4.33, 5.33.....

or

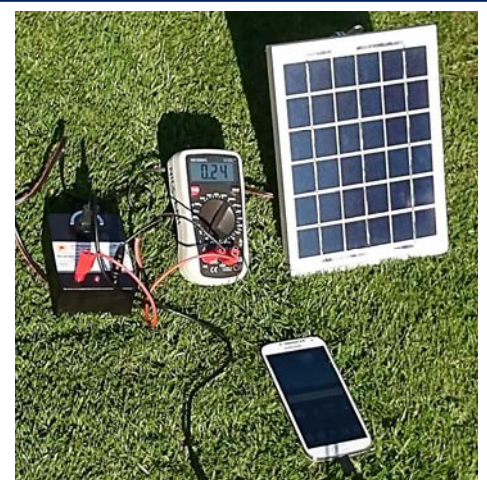
3 - 6 modules with 6 solar cells in series connection, e.g. SUSE 4.3, 4.3A, 4.3RB.....

With an included USB cable (USB to micro USB), which is plugged into the USB socket, smartphones, cell phones, tablet PCs, or powerbank rechargeable batteries can be operated or charged. The solar radio SUSE 4.36USB can also be connected to the USB output.



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On the right there are the input jacks, between them the input LED. On the left the output USB socket and the green output LED are visible. Input voltage from 7 to 24 V DC.



Charging of a smartphone outdoors with the solar module SUSE 4.51 and the charging module SUSE 4.17. The amperemeter shows the charging current of 0.24 A.