

# Translations:Serveur orangepi-raspberry nextcloud en photovoltaïque autonome/379/en

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Plug an electric cable to the + of the battery and to the + of the pwm regulator (battery output). Plug an electric cable to the - of the battery and to the - of the pwm regulator (battery output)

Plug the pannels to the mc4 cables. Plug the nude cable + to the + of the pwm regulator (input pannels). Plug the nude cable - to the - of the pwm regulator (input pannels).

Plug the pliers of the 12V/5V usb converter with the + on the + and the - on the -

Plug a rj45 cable of your box or your 4g modem to the orangepi or raspberry pi

Plug the usb cable of the orangepi or raspberry pi to the 12V/5V usb converter

To automate a switch to power when it's daylight and switch off when it's night, you can use a DRL module (daytime running light) of a car. The module is a switch that lets current pass when the tension is higher than 13V (when the solar pannel is charging the battery). The switch must be plugged to the + of the IN and to the + of the battery, to the - of the IN on the - of the battery, + of the OUT on the red plier and - of the OUT on the red plier (between the battery and the 12V/5v USB converter)