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## 3V solar panel connected to water pump

That leaves 3V for the resistor.... $3V/0.015$  gives 200 ohms. Use a resistor near this value - a smaller resistor gives more current, and those two LEDS will be a bit brighter.

The most careful designs also separate general 3.3V for microcontrollers etc from 3.3V to the RF parts specifically. In case of ESP32, it appears to be a SoC mixing MCU and ...

Web: <https://stanfashion.pl>

