

TSW101 Powering Options

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This chapter contains information on powering options supported by TSW101 switch.

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The switch has a 2 pin power socket and can be powered by a 9-30 VDC power supply unit (PSU). Refer to the image below for the power socket's pinout information:

Power socket

2 pin power socket

No.	Description	Wire color
1	Power	Red
2	Ground	Black



Disclaimer: TSW101 and Passive PoE devices

There are a couple of options to stay safe when using TSW101 **Active PoE** with devices that only support **Passive PoE**:

- Connect TSW101 and Passive PoE device only via non-PoE Ethernet ports (for example, **do not** use TSW101 PoE ports with **LAN1** ports on Teltonika devices).
- If there is a need to use **LAN1** port on the end device, make sure that TSW101 and the end device are **powered from different voltage sources** (for example, power both devices from different PSUs, or different batteries).

If TSW101 and a Passive PoE device are connected with common ground, **do not use LAN1 port**, other ports can be used (refer to image below):

