

TSW114 Powering Options

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This chapter contains information on powering options supported by TSW114 switch.

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The switch has a 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



Passive PoE

The device may also be powered by an Ethernet cable via the **LAN1** port:
(Do not use in other ports!)



- The device is **NOT COMPLIANT** with the IEEE 802.3af-2003 standard: powering the device from an IEEE 802.3af-2003 power supply **will damage the device** as it is not rated for input voltages of the PoE standard.
- The device is **NOT COMPLIANT** with the IEEE 802.3at standard: it cannot power other devices over Ethernet.

RJ45 pinout:

10/100

**Pin mode B, DC
on spares**

T568A Color

T568B Color

**Pins on plug face (socket
is reversed)**

1	TX+	 white/green stripe	 white/orange stripe
2	TX-	 green solid	 orange solid
3	RX+	 white/orange stripe	 white/green stripe
4	DC+ 9-30 VDC	 blue solid	 blue solid
5	DC+ 9-30 VDC	 white/blue stripe	 white/blue stripe
6	RX-	 orange solid	 green solid
7	DC-	 white/brown stripe	 white/brown stripe
8	DC-	 brown solid	 brown solid

