

# TSW010 Powering Options

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This chapter contains information on powering options supported by TSW010 switch.

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The switch has a 2 pin power socket and can be powered by a 7-30 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)**

Pin	Mode	T568A Color	T568B Color
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

