

Power Plus Online Help Sheet

24v 6.67A 4 pin power supply

Suitable for use with all 24v LCD tv & monitors which have a 4 pin connector & use less than 6.67A, e.g. 3.67A, 4.67A etc.

Will this power supply work my tv?

1. Does my tv/monitor use a 24V power supply?
2. Does my tv/monitor use a 4 pin connector?
3. Does my tv/monitor use 6.67A or less?

Answer 'yes' to the 3 questions above & this power supply is suitable for your tv or monitor.

A Guide to Voltage, Amperage, Wattage & Connectors

Rules for Voltage (volts, V)

The correct voltage (12v, 24v etc.) MUST be used with your tv/monitor. The voltage will be written on your old power supply unit and on the back of your tv/monitor. Using the wrong voltage can damage your tv/monitor.

Rules for Amperage (amps, A)

The most misunderstood aspect of power supply replacement. The amperage of a replacement power supply unit must be the same or greater than the amperage requirements of your television. This number will be written on the back of your television, for example 4.67A, 5A etc.

Basically, the greater the amperage the better. For example, if the requirement of the tv is 4.6A, then using a 6A, 6.67A or 7A power supply is ideal. We would generally recommend the replacement power supply to have at least 10 to 20% more amperage than the tv requires. This ensures cooler, more efficient and more reliable operation.

What is Wattage (watts, w)

Wattage is the total power consumption of your tv. It is calculated by multiplying Volts (V) x Amps (A). For example $12v \times 5A = 60w$. By following the volt and amp rules, the wattage will take care of itself.

4 pin connectors

99% of four pin connectors use the standard pin configuration – pins 1 and 2 being positive (+) and pins 3 and 4 being negative (-).

To confuse things some manufacturers use a different pin configuration. All DMTECH 4 pin power supplies and some Sanyo use this alternative pin configuration with pins 1 and 3 being negative (-), and pins 2 and 4 being positive (+). You will find a diagram on the back of your tv/monitor to help with this.