



W-4000 Power Supply

The original version of the W-4000 was shipped with a 9VAC power supply. It was capable of using either a 9VAC or 12VDC power supply. Beginning in July of 2005, the circuit was changed so that it could only accept a 12VDC power supply. There were some of these new circuit boards assembled into the old metal chassis which contained a silkscreen showing “9VAC” near the power input connection. Using a 9VAC power supply on these units will cause damage to the circuit. If a customer needs to replace the W-4000 power supply and is not certain which power supply to choose, **ALWAYS USE A 12VDC POWER SUPPLY**. The 12VDC power supply will work on any W-4000.

It is possible to determine which circuit is inside any by looking at the MAC address of the unit. The following MAC address marks the first unit containing the DC only circuit:

MAC 0004290FF840

Understanding the MAC address:

The first six digits denote the manufacturer fo the Ethernet device (these can be ignored).

The last six digits form a unique sequential number written in Hexadecimal format.

To see if your MAC address is smaller or larger than this one (0FF840), use a scientific calculator to convert it into a decimal number. (There is scientific calculator available in the accessories section of most Windows operating systems).

The Hexadecimal number: 0FF840 converts to: 1046592

So, if your number is larger than 1046592, then you have a DC Only circuit.

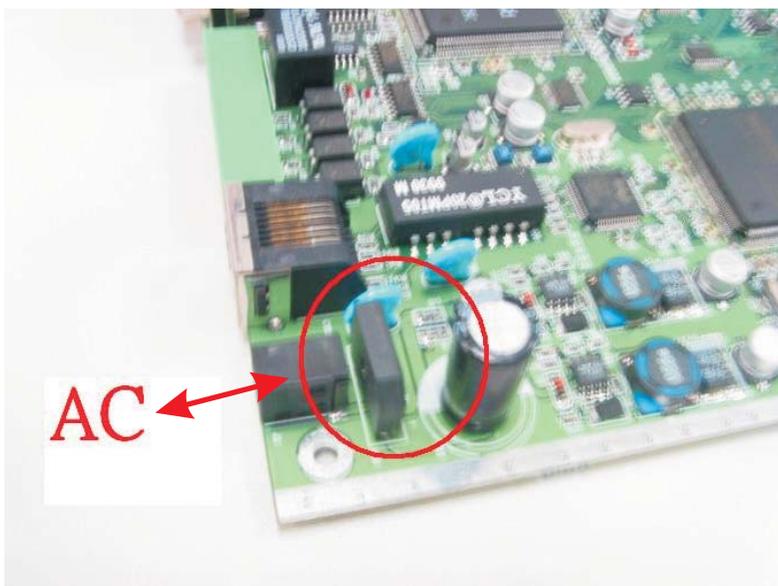
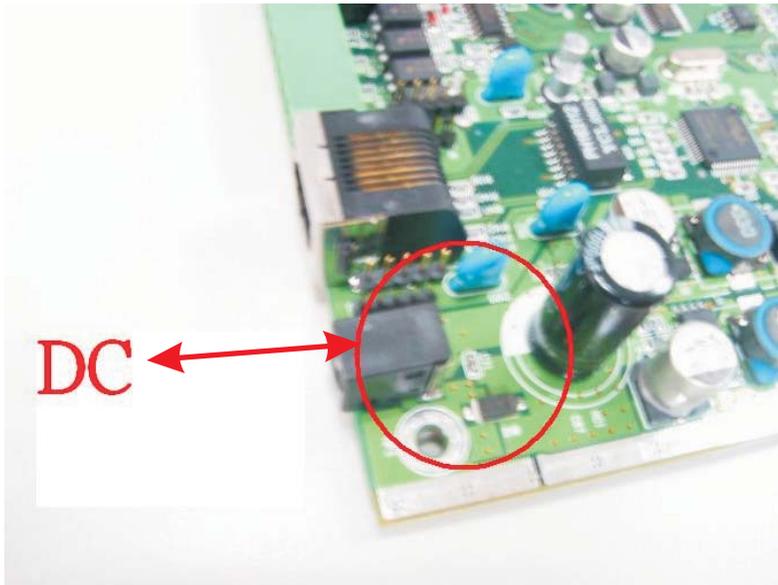
Or, if your number is smaller than 1046592, then you have a AC or DC circuit.

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The images below show how to visually identify the different circuit boards.



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