

HP5065A DC input voltage meter

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The HP5065A provides a dual power supply, 115/230 Vac and, as a backup, 23 to 30 Vdc. HP has no report regarding the presence and power measurement in DC.

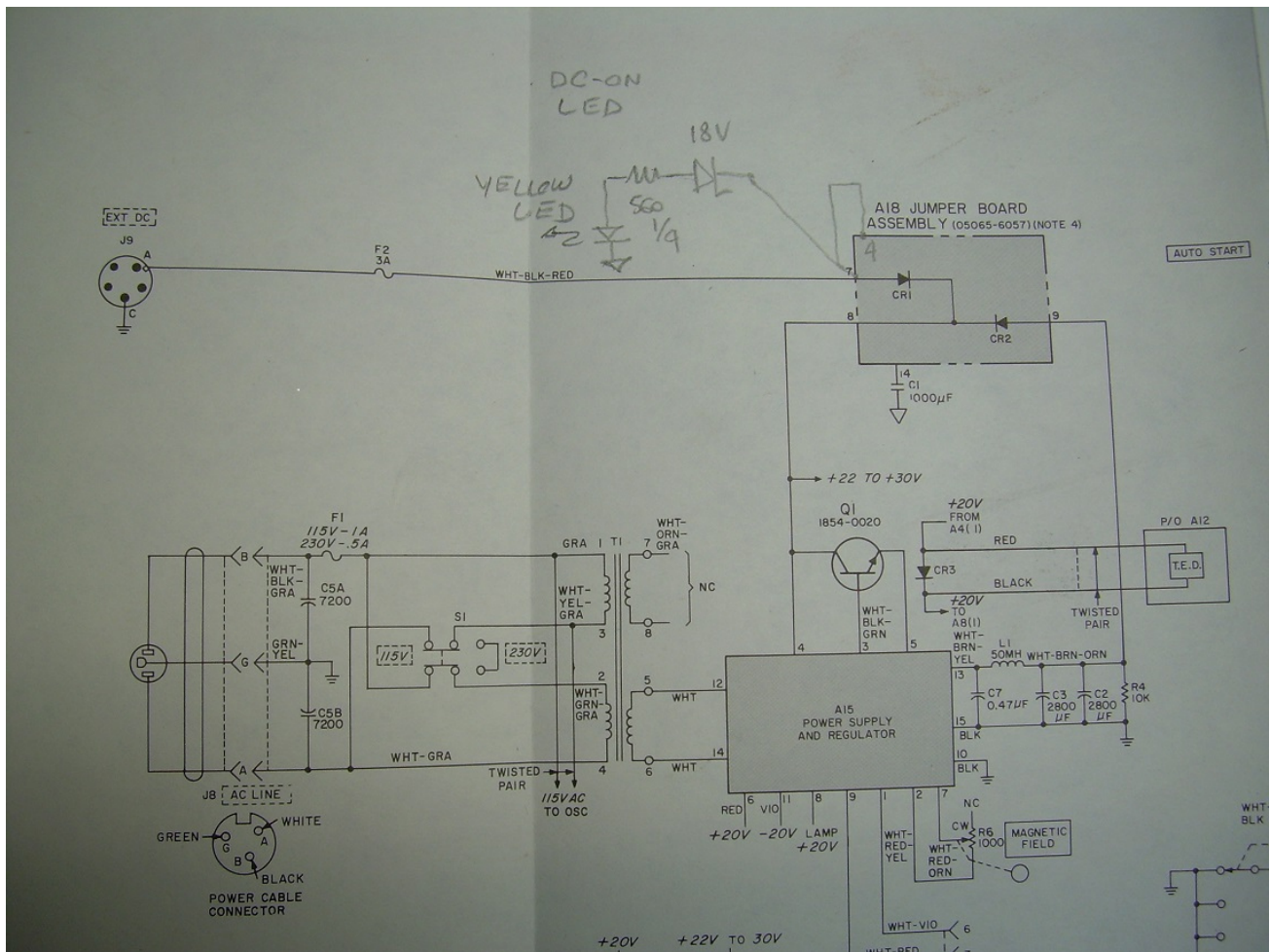
If options 02, 03, 04M and Specific. H42 are not installed there is a simple way to work around this lack using the Battery position of circuit check that without the above options will not be used.



Connect a jumper between the pins 4 and 7 of the Jumper Board A18, on the Meter will read external battery voltage in a range from zero to 50. A DC input voltage between 23 and 30 Volts will correspond to a reading between 36 and 50.

An alternative or complementary indication that you can implement even when the options mentioned above are present, is to mount a led that indicates the presence of DC voltage.

A zener diode is used as voltage level detector, under 20 Volts the led will be off. The LED can be mounted in place of the Battery charge switch if the options are not installed.



Schematic of the connections and components used.

