This module provides the electric power for the whole micro-computer system. All outputs are short circuit protected. Voltages provided are: 5V / 3.6A (expandable to 5A if limit resistor is replaced by a 0.12 ohms resistor)

12V / 1A
-5V / 1A
-12V / 0.6A
32V / 0.3A

The 5V, 12V, -5V, -12V outputs are electronically stabilized, the 5V output may be fine tuned. To fine tune the 5V output remove the back cover of the system's 19'' frame carefully and connect a volt meter (a digital volt meter is recommended) to GND and 5V. Turn the trimmer screw on the back of the power supply module with a screwdriver until you can read an exact 5V on the volt meter.

Control LED s are provided for the 5V, 12V and -5V outputs. Lighting brightly they signal stable output voltage. Lighting dimly or flickering they signal overload. If they don't light at all the reason may be: a) the system is turned off or power failure occurs
b) the appropriate output has a short circuit
c) the power supply module is defect
d) the control LED is damaged.

This power supply module also contains a power failure signalling logic. If a power failure occurs, the $\overline{\text{PFAIL}}$ signal goes LOW before 5V becomes unstable. This signal may interrupt the CPU which can take immediate action.