



FIGURE 1-1

Section I

GENERAL INFORMATION

1-1 Description

The CAMAC Power Supply described in this manual meets the physical and electrical requirements for a Type CP-1 Power Supply and ESONE Report EUR-4100e.

The Models 1031 and 1032 provide the following voltages and currents:

<u>Voltage (volts)</u>	<u>Current (amps)</u>		<u>Remarks</u>
	<u>1031</u>	<u>1032</u>	
+24	6	6	shared with -24
-24	6	6	shared with +24
+6	25	50	shared with -6V
-6	25	25	shared with +6V

The power output capability is 300 watts for Model 1031 and 45 watts for Model 1032.

The electronic circuit regulators for the four power supplies are contained on a single printed circuit board. Voltage adjustment potentiometers allow variation of output voltages by approximately  $\pm 2\%$ .

Overvoltage protection is provided on all outputs.

All voltages incorporate overcurrent protection and no damage to the supply will result in the event of a continuous short circuit condition. A thermal warning and thermal cutoff switch is provided to protect the power supply should the internal temperature exceed safe limits.

Three 100 CFM fans provide ventilation directly into the crate. A fourth 100 CFM fan provides cooling for the power supply.

## 1.2 Specifications

Detailed performance and physical specifications of the Models 1031 and 1032 Power Supply are provided on Pages 1-4 and 1-5.

## 1.3 Accessories

- 1.31 One Operating Manual
- 1.32 Chassis Slides (optional)