

Figure 1. Model 1122A Power Supply

1. DESCRIPTION.

2. The Model 1122A Power Supply is a fully transistorized, regulated power supply providing operating voltages for operation of oscilloscope probes. The supply is designed to provide all power requirements for simultaneous operation of up to four HP active probes. The power supply consists of a fused input circuit with selectable transformer primary windings for operation from a 115-volt or 230-volt power source. The input transformer drives two separate rectifier and regulator networks referenced to power ground. The power ground circuit is isolated from the chassis ground circuit to avoid ground loops between the supply and the connected probes.

Table 1. Specifications

PROBE DRIVING CAPABILITY: Four HP active probes.

POWER REQUIRED: 115 or 230 volts $\pm 10\%$ 50 to 400 Hz 40W (with four probes).

DIMENSIONS: 5-1/8 in. by 3-7/16 in. by 11-5/8 in. (130 x 87 x 295 mm).

WEIGHT: Net 5-1/4 lb (2,4 kg), Shipping 7 lb (3,2 kg).

ACCESSORIES: Four 36-inch extender cables (HP Model 10131B).

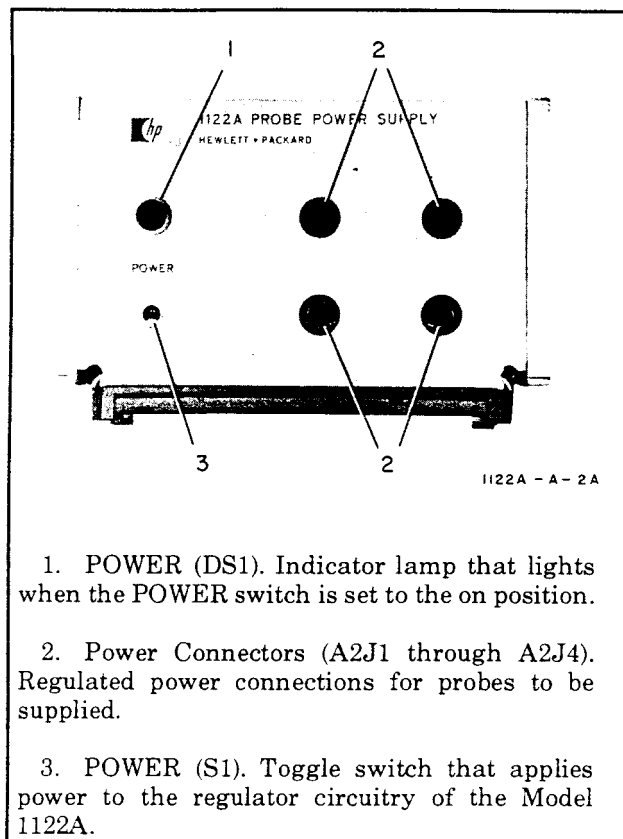
3. This operating note applies to 1122A units with serial number prefixes as listed in the title block above. The serial prefix is the first group of digits in the instrument serial number. Always include the complete serial number in correspondence concerning the power supply.

4. ACCESSORIES.

5. The accessories included with the 1122A include four 36-inch extender cables. These cables extend the power connections to the probe, providing longer reach.

6. CLAIMS.

7. Upon receipt, inspect the instrument for damage and perform the test procedure. Hewlett-Packard Company guarantees the performance of the instrument as stated in the certification located near the back of this note. If the condition of the instrument is unsatisfactory, notify the carrier and the nearest HP Sales/Service Office (listed in back) immediately. HP will arrange for repair or replacement without waiting for settlement of the claim with the carrier.



1. POWER (DS1). Indicator lamp that lights when the POWER switch is set to the on position.

2. Power Connectors (A2J1 through A2J4). Regulated power connections for probes to be supplied.

3. POWER (S1). Toggle switch that applies power to the regulator circuitry of the Model 1122A.

Figure 2. Controls, Indicators, and Connectors