



**NOTES**

UNLESS OTHERWISE SPECIFIED:  
 ALL RESISTORS ARE IN OHMS, 1/2 W, 10%  
 ALL CAPACITORS ARE IN MICROFARADS

VOLTAGES INDICATED ARE MEASURED WITH 115VAC, 60<sup>Hz</sup> INPUT AND 3000VDC OUTPUT WITH A 20MA LOAD. MEASUREMENTS MADE WITH A 20,000 $\Omega$ /VOLT METER FOR DC AND 1000 $\Omega$ /VOLT FOR AC. VOLTAGES ARE DC EXCEPT WHERE OTHERWISE INDICATED.

CAUTION: ALL MEASUREMENTS SHOULD BE MADE WITH S4 IN NEGATIVE OUTPUT POLARITY POSITION.

\* OUTPUT VOLTAGE CONTROL SWITCHES & POTENTIOMETER. (THE OUTPUT VOLTAGE EQUALS THE SUM OF THE DIAL READINGS).

\*\* REPLACED WITH 100/75V CAPACITOR ON LATER MODELS.

**NOTICE**

PATENTS HAVE BEEN GRANTED, PATENT APPLICATIONS ARE PENDING OR IN PROCESS OF PREPARATION ON THE PROPRIETARY PORTIONS OF THE CIRCUITS SHOWN ON THIS DRAWING. REPRODUCTION IN WHOLE OR IN PART MAY NOT BE MADE WITHOUT PERMISSION.

SYM.	DESCRIPTION	APPD.	DATE
REVISIONS			
DRAWING NO. PS-1544-18			REV.
TITLE SCHEMATIC, MODEL HV-1544			SCALE
PART NO. 1-3000V, 20MA			SCALE
DRAWN R.A.S.	CHECKED S.C.	APPROVED	
DATE 6/27/63	DATE 8/8/63	DATE 8/16/63	

**Power Designs inc.**  
NEW YORK