

**DAVE
DOD.**

TITLE

2 7 7 A 3 7 1 4

CONT ON SHEET 2 SH NO. 1

Test Specifications for POWER SUPPLY

FIRST MADE FOR LC3600EP7U

REVISIONS

Rating: 105VDC @ 5A
50VDC @ .25A
28VDC @ .5A

TEST PROCEDURE

A. Preliminary Inspection:

The PWB shall be inspected prior to application of power to verify that it is assembled according to the assembly drawing.

B. 105VDC Test:

Connect a 0 to 5 amp load between pins 23 and 3. Set to max. resistance - (minimum amperage). Apply 115VAC \pm 10%, 60HZ between pins 35 and 47. Set load amps to 5 amps. Verify that the voltage across the load and the voltage at pin 31 + (3-) is 105VDC \pm 20%. Disconnect the input voltage and the load.

C. 50VDC and 28VDC Test:

Connect pin 9 and 17 to pin 21.

Connect pin 13 to pin 3.

Connect a .25A @ 50VDC load between pins 21 and 3.

Apply 36VAC \pm 10%, 60HZ between pins 35 and 47.

Verify that the voltage across the load is $50\text{VDC} \pm 20\%$ with $< 7\text{V P-P}$ ripple.

Change the voltage between pins 35 and 47 to 20VAC + 10%, 60HZ.

Verify that the voltage across the load is $28V \pm 20\%$ with $< 7V$ P-P ripple.

Disconnect the input voltage and the load.

1. BU945UG JVG 780415

4043

LRA2

4551

1338

POINTS TO

MADE BY
R.E. Vanderpool 8/29/77

October 12, 1977

DRIVE SYSTEMS

SALEM, VA. U.S.A.

2017

LOCATION

2 7 7 A 3 7 1 4

CONT ON SHEET 2

ENR NO. 1

COOK IDENT NO.

CONT ON SHEET FL SH NO. 2

15

TITLE

CONT ON SHEET FL SN NO. 2

Test Specifications for POWER SUPPLY

FIRST MADE FOR IC3600EPZU

TEST PROCEDURE (Continued)

D. Pin Continuity Test:

Verify 0 ohm between the following pins.

FROM PIN

TO PIN

47

49

35

37

21

23

3

5

3

41

3

43

END OF TEST.

Discussion

4043

LRA2

4551

1336

POINTS TO

R.E.Vanderpool 8/29/77

October 12, 1977

DRIVE SYSTEMS

SALEM, VA. U.S.A



277

Location

100

FL

2

CODE IDENT NO