

POWER SUPPLY LOAD TEST

MAKE: ASTRON MODEL: SL-15R-RA DATE: 27-Feb-11

CONT. RATING: 12A INT. RATING: 15A SERIAL: 97040049

AC MAINS FUSE: 3A FB REMARKS: 8A FUSE USED FOR THIS TEST

LOAD AMPS	OUTPUT VOLTS	OUTPUT WATTS	AC INPUT VOLTS	AC INPUT AMPS	AC INPUT WATTS	AC INPUT VA	AC INPUT PF	OVERALL EFFICIENCY
0.0	13.77	0.0	121.9	0.14	5	17	0.29	0%
1.0	13.77	13.8	121.9	0.39	30	48	0.63	46%
2.0	13.76	27.5	121.9	0.67	56	82	0.69	49%
3.0	13.76	41.3	121.9	0.95	81	116	0.70	51%
4.0	13.75	55.0	121.9	1.21	106	147	0.72	52%
5.0	13.75	68.8	121.8	1.45	130	177	0.74	53%
6.0	13.74	82.4	121.7	1.69	155	206	0.75	53%
7.0	13.74	96.2	121.7	1.93	179	235	0.76	54%
8.0	13.74	109.9	121.5	2.15	203	261	0.78	54%
9.0	13.74	123.7	121.3	2.37	227	287	0.79	54%
10.0	13.73	137.3	121.2	2.59	251	314	0.80	55%
11.0	13.73	151.0	121.1	2.80	274	339	0.81	55%
12.0	13.73	164.8	121.0	3.02	298	365	0.82	55%
13.0	13.72	178.4	121.0	3.22	322	390	0.83	55%
14.0	13.72	192.1	121.0	3.43	345	415	0.83	56%
15.0	13.72	205.8	120.9	3.63	368	439	0.84	56%
16.0	13.72	219.5	120.7	3.83	392	462	0.85	56%
17.0	13.71	233.1	120.7	4.02	415	485	0.86	56%
18.0	13.69	246.4	120.5	4.26	440	513	0.86	56%

NOTE: VOLTAGE COLLAPSED AT 18.4 AMPERES LOAD.

NOTE: THIS IS A LOW-PROFILE LINEAR POWER SUPPLY WITH A RADIUS RADIO HOOD.

NOTE: THIS POWER SUPPLY SHOULD HAVE A 4 A FB FUSE IN ORDER TO SUPPLY 15 A LOAD.