

POWER SUPPLY LOAD TEST

MAKE: ASTRON MODEL: SL-14M DATE: 24-Feb-07

CONT. RATING: 7A INT. RATING: 14A SERIAL: 204100008

AC MAINS FUSE: 3A SB REMARKS: GR300 INTERNAL POWER SUPPLY

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	13.73	0.0	122.6	0.05	4	6	0.65	0%
1.0	13.71	13.7	122.5	0.34	29	42	0.70	47%
2.0	13.68	27.4	122.4	0.58	54	71	0.76	51%
3.0	13.64	40.9	122.3	0.85	79	104	0.76	52%
4.0	13.61	54.5	121.9	1.08	104	132	0.79	52%
5.0	13.57	67.9	122.1	1.32	128	161	0.79	53%
6.0	13.54	81.3	121.9	1.54	153	188	0.82	53%
7.0	13.50	94.5	121.7	1.78	176	217	0.81	54%
8.0	13.45	107.6	121.5	1.98	200	241	0.83	54%
9.0	13.42	120.8	121.6	2.21	224	269	0.83	54%
10.0	13.39	134.0	121.4	2.41	248	293	0.85	54%
11.0	13.36	147.0	121.4	2.63	271	319	0.85	54%
12.0	13.33	160.0	121.1	2.82	294	342	0.86	54%
13.0	13.31	173.0	121.2	3.05	318	370	0.86	54%
14.0	13.27	185.8	120.9	3.24	341	392	0.87	54%
15.0	13.24	198.7	120.8	3.46	363	418	0.87	55%
16.0	13.21	211.4	120.4	3.64	386	438	0.88	55%
17.0	13.17	224.0	120.5	3.86	409	465	0.88	55%

NOTE: Voltage collapsed at 17.5 amperes load.

NOTE: This unit should not be loaded above 13 amperes to avoid exceeding mains fuse rating.