

# POWER SUPPLY LOAD TEST

**MAKE:** ASTRON                      **MODEL:** RS-35M                      **DATE:** 2-Feb-11

**CONT. RATING:** 24A              **INT. RATING:** 35A              **SERIAL:** 8503085

**AC MAINS FUSE:** 8A SB      **REMARKS:** OLDER SINGLE-METER UNIT

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	13.80	0.0	121.8	0.43	16	52	0.31	0%
1.0	13.80	13.8	121.6	0.61	40	74	0.54	34%
2.0	13.80	27.6	121.6	0.87	64	106	0.60	43%
3.0	13.79	41.4	121.5	1.14	87	139	0.63	48%
4.0	13.79	55.2	121.4	1.40	111	170	0.65	50%
5.0	13.79	69.0	121.3	1.66	134	201	0.67	51%
6.0	13.78	82.7	121.2	1.92	157	233	0.67	53%
7.0	13.78	96.5	121.0	2.17	180	263	0.69	54%
8.0	13.78	110.2	121.0	2.41	203	292	0.70	54%
9.0	13.78	124.0	120.9	2.64	226	319	0.71	55%
10.0	13.78	137.8	120.9	2.88	249	348	0.72	55%
11.0	13.77	151.5	120.9	3.11	271	376	0.72	56%
12.0	13.77	165.2	120.8	3.34	294	403	0.73	56%
13.0	13.77	179.0	120.6	3.56	316	429	0.74	57%
14.0	13.77	192.8	120.5	3.79	338	457	0.74	57%
15.0	13.76	206.4	120.3	4.01	360	482	0.75	57%
16.0	13.76	220.2	120.2	4.23	382	508	0.75	58%
17.0	13.76	233.9	120.1	4.44	405	533	0.76	58%
18.0	13.76	247.7	120.1	4.66	428	560	0.76	58%
19.0	13.76	261.4	120.1	4.87	449	585	0.77	58%
20.0	13.75	275.0	120.0	5.08	472	610	0.77	58%
21.0	13.75	288.8	120.0	5.29	494	635	0.78	58%
22.0	13.75	302.5	120.0	5.50	516	660	0.78	59%
23.0	13.74	316.0	119.9	5.71	537	685	0.78	59%
24.0	13.74	329.8	119.7	5.91	558	707	0.79	59%
25.0	13.74	343.5	119.7	6.12	581	733	0.79	59%
26.0	13.74	357.2	119.7	6.33	602	758	0.79	59%
27.0	13.73	370.7	119.6	6.53	625	781	0.80	59%
28.0	13.73	384.4	119.6	6.74	647	806	0.80	59%
29.0	13.73	398.2	119.6	6.93	668	829	0.81	60%
30.0	13.73	411.9	119.4	7.13	688	851	0.81	60%
31.0	13.72	425.3	119.4	7.33	710	875	0.81	60%
32.0	13.71	438.7	119.4	7.53	734	899	0.82	60%
33.0		0.0				0	0.00	0%
34.0		0.0				0	0.00	0%
35.0		0.0				0	0.00	0%

**Note:** Output collapsed at 33.0 amperes load.