

POWER SUPPLY LOAD TEST

MAKE: ASTRON

MODEL: VS-35M

DATE: 22-Jan-11

CONT. RATING: 24A

INT. RATING: 35A

SERIAL: NONE

AC MAINS FUSE: 8A SB

REMARKS:

VARIABLE BENCH 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	13.81	0.0	121.0	0.35	15	42	0.35	0%
1.0	13.81	13.8	120.9	0.56	39	68	0.58	35%
2.0	13.80	27.6	121.0	0.83	62	100	0.62	45%
3.0	13.79	41.4	120.8	1.11	85	134	0.63	49%
4.0	13.79	55.2	120.7	1.37	109	165	0.66	51%
5.0	13.78	68.9	120.6	1.63	132	197	0.67	52%
6.0	13.77	82.6	120.5	1.89	155	228	0.68	53%
7.0	13.77	96.4	120.4	2.14	178	258	0.69	54%
8.0	13.76	110.1	120.4	2.38	201	287	0.70	55%
9.0	13.75	123.8	120.2	2.62	223	315	0.71	55%
10.0	13.75	137.5	120.1	2.86	245	343	0.71	56%
11.0	13.74	151.1	120.1	3.10	268	372	0.72	56%
12.0	13.73	164.8	120.0	3.33	290	400	0.73	57%
13.0	13.73	178.5	119.8	3.54	312	424	0.74	57%
14.0	13.72	192.1	119.7	3.76	334	450	0.74	58%
15.0	13.72	205.8	119.8	3.99	357	478	0.75	58%
16.0	13.71	219.4	119.7	4.20	379	503	0.75	58%
17.0	13.71	233.1	119.6	4.43	401	530	0.76	58%
18.0	13.70	246.6	119.5	4.64	423	554	0.76	58%
19.0	13.70	260.3	119.4	4.86	445	580	0.77	58%
20.0	13.69	273.8	119.3	5.06	466	604	0.77	59%
21.0	13.69	287.5	119.2	5.27	488	628	0.78	59%
22.0	13.68	301.0	119.2	5.49	509	654	0.78	59%
23.0	13.68	314.6	119.0	5.69	532	677	0.79	59%
24.0	13.67	328.1	118.9	5.89	553	700	0.79	59%
25.0	13.67	341.8	118.9	6.08	574	723	0.79	60%
26.0	13.67	355.4	118.8	6.30	596	748	0.80	60%
27.0	13.66	368.8	118.8	6.48	618	770	0.80	60%
28.0	13.66	382.5	118.8	6.68	638	794	0.80	60%
29.0	13.65	395.9	118.7	6.98	659	829	0.80	60%
30.0	13.65	409.5	118.7	7.08	682	840	0.81	60%
31.0	13.64	422.8	118.8	7.27	702	864	0.81	60%
32.0	13.64	436.5	118.6	7.46	723	885	0.82	60%
33.0	13.63	449.8	118.5	7.66	744	908	0.82	60%
34.0	13.63	463.4	118.3	7.84	764	927	0.82	61%
35.0	13.62	476.7	118.2	8.04	786	950	0.83	61%

Note: Load is limited to 35 amperes due to rating of AC mains fuse.