

POWER SUPPLY LOAD TEST

MAKE: ASTRON

MODEL: SS-30M

DATE: 10-Feb-11

CONT. RATING: 25A

INT. RATING: 30A

SERIAL: 99493909

AC MAINS FUSE: 10A FB

REMARKS:

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	120.2	0.13	7	16	0.45	0%
1.0	13.79	13.8	120.0	0.41	27	49	0.55	51%
2.0	13.78	27.6	120.4	0.62	41	75	0.55	67%
3.0	13.78	41.3	120.6	0.83	56	100	0.56	74%
4.0	13.77	55.1	121.0	1.03	71	125	0.57	78%
5.0	13.76	68.8	120.7	1.27	87	153	0.57	79%
6.0	13.75	82.5	120.5	1.50	104	181	0.58	79%
7.0	13.74	96.2	120.6	1.72	120	207	0.58	80%
8.0	13.73	109.8	120.4	1.96	138	236	0.58	80%
9.0	13.72	123.5	120.3	2.19	155	263	0.59	80%
10.0	13.71	137.1	120.2	2.41	172	290	0.59	80%
11.0	13.71	150.8	120.2	2.61	188	314	0.60	80%
12.0	13.70	164.4	120.2	2.83	204	340	0.60	81%
13.0	13.69	178.0	120.1	3.05	221	366	0.60	81%
14.0	13.68	191.5	120.0	3.24	237	389	0.61	81%
15.0	13.67	205.1	120.1	3.46	254	416	0.61	81%
16.0	13.66	218.6	120.1	3.67	271	441	0.61	81%
17.0	13.65	232.1	120.0	3.86	288	463	0.62	81%
18.0	13.64	245.5	120.0	4.10	305	492	0.62	80%
19.0	13.63	259.0	120.0	4.30	323	516	0.63	80%
20.0	13.62	272.4	120.0	4.52	340	542	0.63	80%
21.0	13.61	285.8	120.0	4.78	358	574	0.62	80%
22.0	13.60	299.2	119.9	5.02	377	602	0.63	79%
23.0	13.59	312.6	119.7	5.25	395	628	0.63	79%
24.0	13.58	325.9	119.7	5.47	414	655	0.63	79%
25.0	13.57	339.3	119.5	5.71	434	682	0.64	78%
26.0	13.56	352.6	119.4	5.97	454	713	0.64	78%
27.0	13.56	366.1	120.7	6.03	464	728	0.64	79%
28.0	13.55	379.4	120.5	6.28	483	757	0.64	79%
29.0	13.54	392.7	120.4	6.56	507	790	0.64	77%
30.0	13.53	405.9	120.4	6.85	531	825	0.64	76%
31.0	13.52	419.1	120.2	7.14	552	858	0.64	76%

Note: Output collapsed just over 31.0 amperes load.