

POWER SUPPLY LOAD TEST

MAKE: ASTRON

MODEL: SS-25

DATE: 18-Mar-11

CONT. RATING: 20A

INT. RATING: 25A

SERIAL: 202100021

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	13.81	0.0	122.9	0.14	8	17	0.46	0%
1.0	13.80	13.8	122.9	0.42	27	52	0.52	51%
2.0	13.80	27.6	122.7	0.64	43	79	0.55	64%
3.0	13.79	41.4	122.7	0.87	58	107	0.54	71%
4.0	13.78	55.1	122.7	1.12	75	137	0.55	73%
5.0	13.77	68.9	122.7	1.34	90	164	0.55	76%
6.0	13.76	82.6	122.6	1.61	107	197	0.54	77%
7.0	13.75	96.3	122.6	1.85	124	227	0.55	78%
8.0	13.74	109.9	122.6	2.08	140	255	0.55	79%
9.0	13.73	123.6	122.5	2.32	156	284	0.55	79%
10.0	13.72	137.2	122.4	2.58	176	316	0.56	78%
11.0	13.71	150.8	122.4	2.82	193	345	0.56	78%
12.0	13.70	164.4	122.4	3.04	207	372	0.56	79%
13.0	13.69	178.0	122.4	3.28	223	401	0.56	80%
14.0	13.68	191.5	122.4	3.56	242	436	0.56	79%
15.0	13.67	205.1	122.3	3.81	260	466	0.56	79%
16.0	13.66	218.6	122.3	4.05	278	495	0.56	79%
17.0	13.65	232.1	122.2	4.28	295	523	0.56	79%
18.0	13.64	245.5	122.2	4.54	313	555	0.56	78%
19.0	13.63	259.0	122.2	4.78	331	584	0.57	78%
20.0	13.62	272.4	122.1	5.03	348	614	0.57	78%
21.0	13.61	285.8	122.0	5.27	367	643	0.57	78%
22.0	13.60	299.2	122.0	5.52	385	673	0.57	78%
23.0	13.59	312.6	121.9	5.76	404	702	0.58	77%
24.0	13.58	325.9	121.9	6.01	423	733	0.58	77%
25.0	13.57	339.3	121.8	6.25	442	761	0.58	77%
26.0	13.56	352.6	121.8	6.49	461	790	0.58	76%
27.0	13.55	365.9	121.8	6.69	481	815	0.59	76%
28.0	13.54	379.1	121.8	6.95	502	847	0.59	76%
29.0	13.53	392.4	121.7	7.18	522	874	0.60	75%

Note: Output collapsed at 30 amperes load, due to tripping of thermal switch.