

POWER SUPPLY LOAD TEST

MAKE: ASTRON

MODEL: SRM-30

DATE: 12-Feb-11

CONT. RATING: 25A

INT. RATING: 30A

SERIAL: 207020007

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	13.92	0.0	121.4	0.15	8	18	0.44	0%
1.0	13.92	13.9	121.3	0.44	28	53	0.52	50%
2.0	13.91	27.8	121.2	0.64	43	78	0.55	65%
3.0	13.90	41.7	121.2	0.87	58	105	0.55	72%
4.0	13.89	55.6	121.1	1.10	73	133	0.55	76%
5.0	13.89	69.5	120.9	1.33	88	161	0.55	79%
6.0	13.88	83.3	121.0	1.57	106	190	0.56	79%
7.0	13.87	97.1	121.0	1.80	122	218	0.56	80%
8.0	13.86	110.9	121.1	2.04	138	247	0.56	80%
9.0	13.85	124.7	121.1	2.25	154	272	0.57	81%
10.0	13.85	138.5	120.8	2.48	171	300	0.57	81%
11.0	13.84	152.2	121.0	2.73	186	330	0.56	82%
12.0	13.83	166.0	121.0	2.94	203	356	0.57	82%
13.0	13.82	179.7	120.9	3.17	222	383	0.58	81%
14.0	13.81	193.3	120.7	3.43	240	414	0.58	81%
15.0	13.80	207.0	120.7	3.65	257	441	0.58	81%
16.0	13.79	220.6	120.7	3.88	274	468	0.59	81%
17.0	13.78	234.3	120.6	4.08	291	492	0.59	81%
18.0	13.77	247.9	120.6	4.32	308	521	0.59	80%
19.0	13.76	261.4	120.5	4.55	325	548	0.59	80%
20.0	13.74	274.8	120.5	4.76	343	574	0.60	80%
21.0	13.73	288.3	120.5	4.96	360	598	0.60	80%
22.0	13.73	302.1	120.4	5.17	380	622	0.61	79%
23.0	13.72	315.6	120.4	5.41	396	651	0.61	80%
24.0	13.71	329.0	120.2	5.63	414	677	0.61	79%
25.0	13.70	342.5	120.2	5.83	433	701	0.62	79%
26.0	13.69	355.9	120.1	6.03	452	724	0.62	79%
27.0	13.68	369.4	120.1	6.26	471	752	0.63	78%
28.0	13.67	382.8	120.1	6.49	491	779	0.63	78%
29.0	13.66	396.1	119.9	6.70	510	803	0.63	78%
30.0	13.65	409.5	119.6	6.93	531	829	0.64	77%
31.0	13.64	422.8	119.6	7.17	553	858	0.64	76%
32.0	13.63	436.2	119.4	7.39	567	882	0.64	77%
33.0	13.62	449.5	119.3	7.63	593	910	0.65	76%
34.0	13.61	462.7	119.2	7.93	618	945	0.65	75%
35.0	13.60	476.0	119.2	8.27	657	986	0.67	72%

Note: Thermal shutdown occurred at 35 amperes load.