

POWER SUPPLY LOAD TEST

MAKE: ASTRON

MODEL: RS-20A

DATE: 20-Feb-11

CONT. RATING: 16A

INT. RATING: 20A

SERIAL: 95101234

AC MAINS FUSE: 5A 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	121.6	0.45	18	55	0.33	0%
1.0	13.81	13.8	121.6	0.63	43	77	0.56	32%
2.0	13.81	27.6	121.5	0.87	68	171	0.64	41%
3.0	13.80	41.4	121.5	1.15	92	140	0.66	45%
4.0	13.80	55.2	121.3	1.41	117	171	0.68	47%
5.0	13.80	69.0	121.3	1.67	142	203	0.70	49%
6.0	13.79	82.7	121.3	1.92	166	233	0.71	50%
7.0	13.79	96.5	121.1	2.17	190	263	0.72	51%
8.0	13.79	110.3	121.0	2.42	214	293	0.73	52%
9.0	13.79	124.1	121.0	2.65	238	321	0.74	52%
10.0	13.78	137.8	120.9	2.89	262	349	0.75	53%
11.0	13.78	151.6	120.9	3.13	285	378	0.75	53%
12.0	13.78	165.4	120.9	3.35	310	405	0.77	53%
13.0	13.77	179.0	120.8	3.57	333	431	0.77	54%
14.0	13.77	192.8	120.8	3.80	356	459	0.78	54%
15.0	13.77	206.6	120.8	4.03	381	487	0.78	54%
16.0	13.77	220.3	120.8	4.26	404	515	0.79	55%
17.0	13.76	233.9	120.8	4.46	428	539	0.79	55%
18.0	13.76	247.7	120.7	4.68	452	565	0.80	55%
19.0	13.76	261.4	120.7	4.89	473	590	0.80	55%
20.0	13.76	275.2	120.6	5.09	497	614	0.81	55%
21.0	13.75	288.8	120.6	5.31	520	640	0.81	56%

NOTE: LOAD SHOULD BE LIMITED TO 20 AMPERES TO AVOID EXCEEDING AC MAINS FUSE RATING.