

POWER SUPPLY LOAD TEST

MAKE: MEGA-WATT **MODEL:** S-350-12 **DATE:** 13-May-13

CONT. RATING: 30A **INT. RATING:** 33A **SERIAL:** N/A

AC MAINS FUSE: 8A FB **REMARKS:** SET TO 13.8 V FOR TEST

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	123.9	0.11	6	14	0.44	0%
1.0	13.81	13.8	123.9	0.39	25	48	0.52	55%
2.0	13.80	27.6	123.7	0.64	43	79	0.54	64%
3.0	13.79	41.4	123.6	0.86	58	106	0.55	71%
4.0	13.78	55.1	123.4	1.09	74	135	0.55	74%
5.0	13.77	68.9	123.6	1.32	89	163	0.55	77%
6.0	13.76	82.6	123.5	1.53	105	189	0.56	79%
7.0	13.75	96.3	123.4	1.77	121	218	0.55	80%
8.0	13.74	109.9	123.2	1.99	137	245	0.56	80%
9.0	13.73	123.6	123.2	2.23	153	275	0.56	81%
10.0	13.72	137.2	123.1	2.46	168	303	0.55	82%
11.0	13.71	150.8	123.1	2.69	185	331	0.56	82%
12.0	13.70	164.4	123.1	2.93	201	361	0.56	82%
13.0	13.69	178.0	123.0	3.18	217	391	0.55	82%
14.0	13.68	191.5	122.8	3.41	234	419	0.56	82%
15.0	13.67	205.1	122.7	3.66	250	449	0.56	82%
16.0	13.65	218.4	122.6	3.90	266	478	0.56	82%
17.0	13.64	231.9	122.6	4.15	283	509	0.56	82%
18.0	13.63	245.3	122.7	4.39	300	539	0.56	82%
19.0	13.62	258.8	122.7	4.63	317	568	0.56	82%
20.0	13.61	272.2	122.9	4.87	334	599	0.56	81%
21.0	13.60	285.6	122.9	5.12	351	629	0.56	81%
22.0	13.59	299.0	122.9	5.36	368	659	0.56	81%
23.0	13.58	312.3	122.8	5.60	385	688	0.56	81%
24.0	13.57	325.7	122.8	5.87	403	721	0.56	81%
25.0	13.56	339.0	122.5	6.11	421	748	0.56	81%
26.0	13.55	352.3	122.5	6.35	439	778	0.56	80%
27.0	13.54	365.6	122.5	6.58	457	806	0.57	80%
28.0	13.52	378.6	122.4	6.81	475	834	0.57	80%
29.0	13.51	391.8	122.2	7.03	493	859	0.57	79%
30.0	13.50	405.0	122.3	7.24	512	885	0.58	79%
31.0	13.49	418.2	122.2	7.48	530	914	0.58	79%
32.0	13.48	431.4	122.2	7.71	548	942	0.58	79%
33.0	13.47	444.5	122.1	7.95	568	971	0.59	78%

Note: Test was halted at 33 amperes, due to rating of AC input fuse.