

# POWER SUPPLY LOAD TEST

**MAKE:** MOTOROLA      **MODEL:** HPN4001B      **DATE:** 12-Feb-11  
**CONT. RATING:** 8A      **INT. RATING:** 15A      **SERIAL:** NONE  
**AC MAINS FUSE:** 5A SB      **REMARKS:** BRICK-STYLE SWITCH-MODE PS

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	14.09	0.0	121.6	0.17	12	21	0.58	0%
1.0	14.01	14.0	121.5	0.41	28	50	0.56	50%
2.0	13.94	27.9	121.5	0.63	44	77	0.57	63%
3.0	13.88	41.6	121.5	0.86	60	104	0.57	69%
4.0	13.81	55.2	121.5	1.10	77	134	0.58	72%
5.0	13.74	68.7	121.5	1.33	92	162	0.57	75%
6.0	13.67	82.0	121.5	1.57	109	191	0.57	75%
7.0	13.61	95.3	121.4	1.81	125	220	0.57	76%
8.0	13.54	108.3	121.4	2.04	142	248	0.57	76%
9.0	13.47	121.2	121.3	2.29	159	278	0.57	76%
10.0	13.40	134.0	121.3	2.51	176	304	0.58	76%
11.0	13.32	146.5	121.3	2.75	193	334	0.58	76%
12.0	13.25	159.0	121.2	2.99	210	362	0.58	76%
13.0	13.17	171.2	121.1	3.23	227	391	0.58	75%
14.0	12.95	181.3	121.0	3.46	245	419	0.59	74%
15.0	12.86	192.9	120.9	3.70	263	447	0.59	73%
16.0	12.78	204.5	120.7	3.95	280	477	0.59	73%
17.0	12.69	215.7	120.7	4.18	298	505	0.59	72%
18.0	12.62	227.2	120.7	4.43	317	535	0.59	72%

**Note:** Output voltage collapsed at 18.5 amperes load.