

POWER SUPPLY LOAD TEST

MAKE: DURACOMM **MODEL:** HPN9033A **DATE:** 30-Jan-11

CONT. RATING: 15A **INT. RATING:** 17A **SERIAL:** CA28040702

AC MAINS FUSE: 5A FB **REMARKS:** USED IN GR1225 DESKTOP REPEATER

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	13.88	0.0	120.9	0.15	8	18	0.44	0%
1.0	13.85	13.9	120.9	0.42	24	51	0.47	58%
2.0	13.82	27.6	120.9	0.71	42	86	0.49	66%
3.0	13.79	41.4	120.9	0.94	57	114	0.50	73%
4.0	13.75	55.0	120.9	1.19	73	144	0.51	75%
5.0	13.72	68.6	120.9	1.41	88	170	0.52	78%
6.0	13.69	82.1	120.9	1.62	105	196	0.54	78%
7.0	13.66	95.6	120.9	1.84	121	222	0.54	79%
8.0	13.62	109.0	120.8	2.05	136	248	0.55	80%
9.0	13.59	122.3	120.8	2.27	152	274	0.55	80%
10.0	13.55	135.5	120.8	2.48	168	300	0.56	81%
11.0	13.52	148.7	120.8	2.70	184	326	0.56	81%
12.0	13.49	161.9	120.8	2.91	201	352	0.57	81%
13.0	13.45	174.9	120.7	3.11	217	375	0.58	81%
14.0	13.41	187.7	120.6	3.33	234	402	0.58	80%
15.0	13.38	200.7	120.6	3.57	254	431	0.59	79%
16.0	13.35	213.6	120.5	3.80	271	458	0.59	79%
17.0	13.32	226.4	120.3	4.01	288	482	0.60	79%
18.0	13.28	239.0	120.3	4.25	305	511	0.60	78%

NOTE: VOLTAGE COLLAPSED AT 18.2 AMPERES LOAD.