

HPG-750BR-H14C Power Supply Efficiency Test Report

Date:	2013-6-5
Sample:	1
Test Condition :	230V/500Hz @ 25°C
Typical Efficiency (50% Load) :	86.63%
Average Efficiency :	84.95%
80 Plus compliant :	Yes



Test Loading :

Loading	+5V	+3.3V	+12V1	-12V	+5Vsb	Pout
20%	2.86A	2.86A	10.28A	0.05A	0.46A	150.0 W
50%	7.15A	7.15A	25.69A	0.14A	1.14A	375.0 W
100%	14.31A	14.31A	51.38A	0.27A	2.28A	750.0 W

Output Rail :	+5V	+3.3V	+12V1	-12V	+5Vs
Maximum load	22.0 A	22.0 A	56.3 A	0.3 A	2.5 A
Minimum load	0.2 A	0.1 A	0.6 A	0.0 A	0.0 A
Ripple Max	50 mV	50 mV	120 mV	120 mV	50 mV
Regulation	± 5 %	± 5 %	± 5 %	± 10 %	± 5 %
Combined Load	130.0 W		675.0 W	3.6 W	12.5 W
Total Power	750.0 W				

Test1:1#

Loading	+5V	+3.3V	+12V1	-12V	+5Vsb	Pin	Eff.	PF
20%	5.14V	3.38V	12.09V	11.90V	5.11V	178.0 W	85.17%	0.925
50%	5.07V	3.35V	12.01V	11.95V	5.05V	434.2 W	86.63%	0.983
100%	4.98V	3.31V	11.97V	12.21V	4.95V	901.0 W	83.05%	0.991

