



HPG-350BR-H14S Power Supply efficiency test report

Date: 14-December-2013

Test Condition : 230V/500Hz @ 25°C

Typical Efficiency (50% Load) 85.60%

Average Efficiency : 83.98%

80 Plus compliant : Yes

Output Rail :	+5V	+3.3V	+12V1	+12V2	-12V	+5Vs
Maximum load	18.0 A	18.0 A	26.3 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	90.0 W		315.0 W		3.6 W	12.5 W
Total Power	350.0 W					

Test Loading :

Loading	+5V	+3.3V	+12V1		-12V	+5Vsb	Pout
20%	1.80A	1.80A	4.36A		0.05A	0.42A	70.0 W
50%	4.51A	4.51A	10.91A		0.12A	1.04A	175.0 W
100%	9.01A	9.01A	21.82A		0.25A	2.08A	350.0 W

Loading	+5V	+3.3V	+12V1		-12V	+5Vsb	Pin	Eff.	PF
20%	5.12V	3.36V	11.97V		-11.68V	5.13V	85.0 W	82.62%	0.927
50%	5.07V	3.34V	11.91V		-11.71V	5.08V	203.9 W	85.60%	0.974
100%	4.99V	3.29V	11.86V		-11.81V	5.00V	414.0 W	83.74%	0.988

