80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	93.00%
AVERAGE EFFICIENCY :	88.96%
80 PLUS COMPLIANT:	Gold

EU-1065
HuntKey
HK750-12PN
N/A
ATX12V
7/30/24

Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts



Note: All measurements were taken with input voltage at 230V nominal at 50 Hz.

I _{RMS (A)}	PF I	1	Load	Input	DC Terminal Voltage (V)/ DC Load Current (A)				Output	Efficiency	
		THD (%)	LUau	Watts	12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vstb	Watts	Efficiency
0.079	0.1955	28.54	0%	3.56	No-Load						
0.217	0.8055	20.68	5%	40.19	11.99/2.24	11.93/0.012	3.36/0.6	5.06/0.6	5.11/0.103	32.57	81.04%
0.359	0.9005	12.26	10%	74.25	11.99/4.48	11.96/0.025	3.36/1.2	5.06/1.19	5.11/0.207	65.12	87.70%
0.649	0.9526	7.28	20%	142.28	11.98/8.96	12.01/0.05	3.35/2.39	5.05/2.39	5.09/0.413	130.14	91.47%
1.541	0.9844	4.52	50%	349.05	11.96/22.4	12.16/0.124	3.34/5.97	5.03/5.97	5.05/1.033	324.63	93.00%
3.088	0.9938	2.74	100%	706.02	11.93/44.8	12.42/0.248	3.32/11.95	4.98/11.95	4.98/2.066	646.73	91.60%







These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. http://www.80plus.org/