

80 PLUS Verification and Testing Report

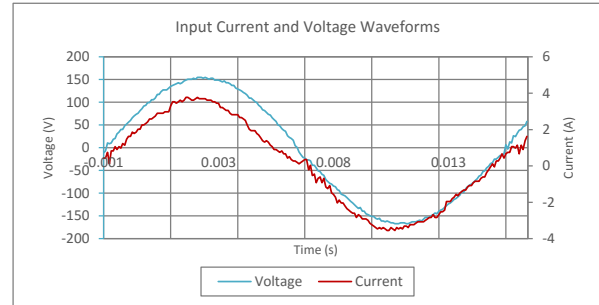
TYPICAL EFFICIENCY (50% Load):	90.98%
AVERAGE EFFICIENCY :	89.73%
80 PLUS COMPLIANT:	YES



ID Number	5077
Manufacturer	HUNTKEY ELECTRIC CO., LTD.
Model Number	HK600-12PP
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	10/2/17

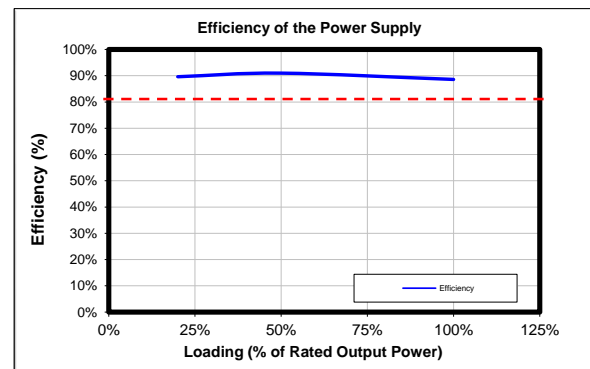
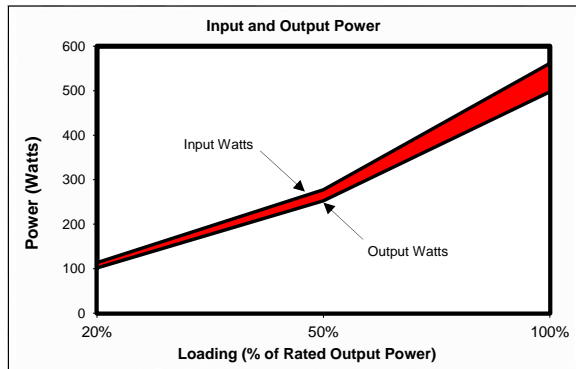
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (I_{THD} = 7.053%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5Vsb		
0.55	0.94	9.93%	10%	59.75	12.16/3.36	12.46/0.03	3.4/1.12	5.13/0.94	5.12/0.21	50.89	85.17%
1.01	0.98	7.40%	20%	113.58	12.13/6.75	12.54/0.05	3.37/2.25	5.11/1.86	5.1/0.42	101.78	89.61%
2.43	0.99	7.05%	50%	277.55	12.08/16.84	12.14/0.13	3.32/5.62	5.06/4.64	5.06/1.05	252.53	90.98%
4.91	0.99	5.67%	100%	561.62	12.01/33.43	12.49/0.25	3.24/11.24	4.97/9.27	4.97/2.1	497.55	88.59%



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/>

