

80 PLUS Verification and Testing Report

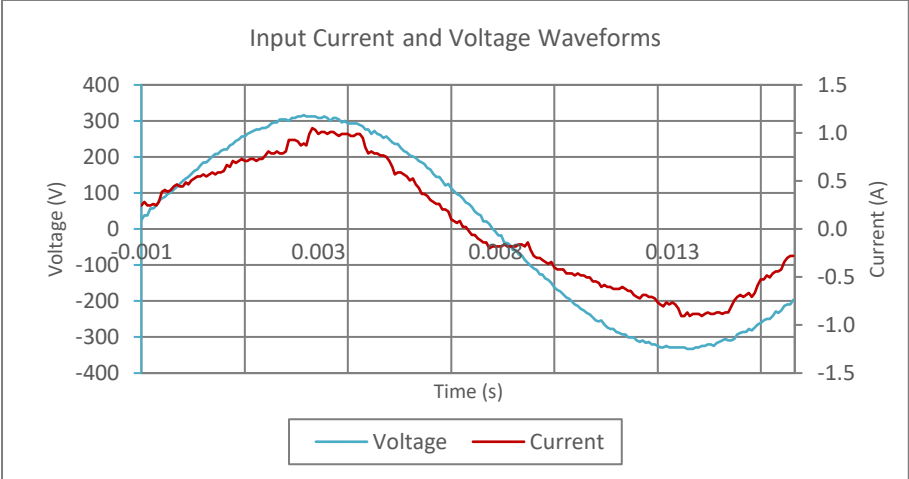
TYPICAL EFFICIENCY (50% Load):	89.17%
AVERAGE EFFICIENCY :	87.60%
80 PLUS COMPLIANT:	YES



ID Number	EU-802
Manufacturer	HUNTKEY ELECTRIC CO.,LTD.
Model Number	HK350-14PP S1
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	2/3/21

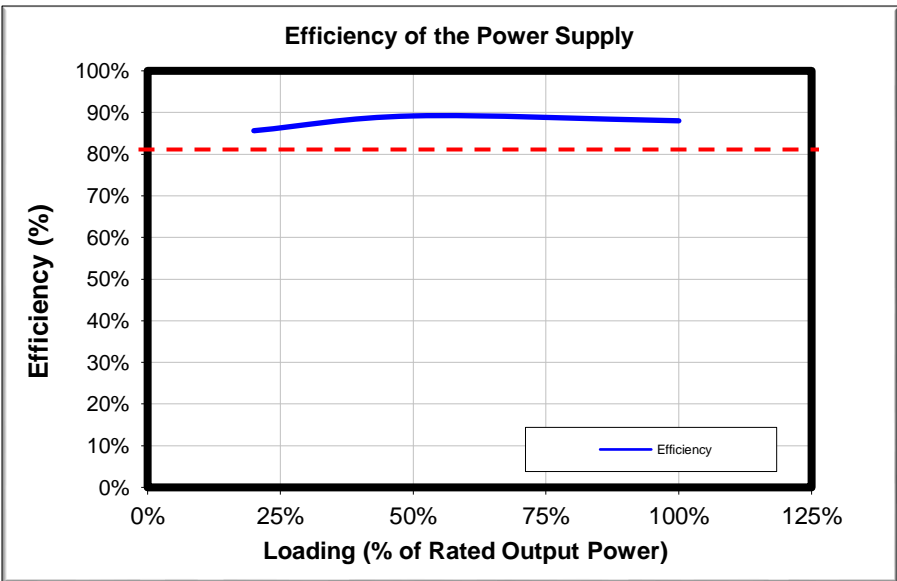
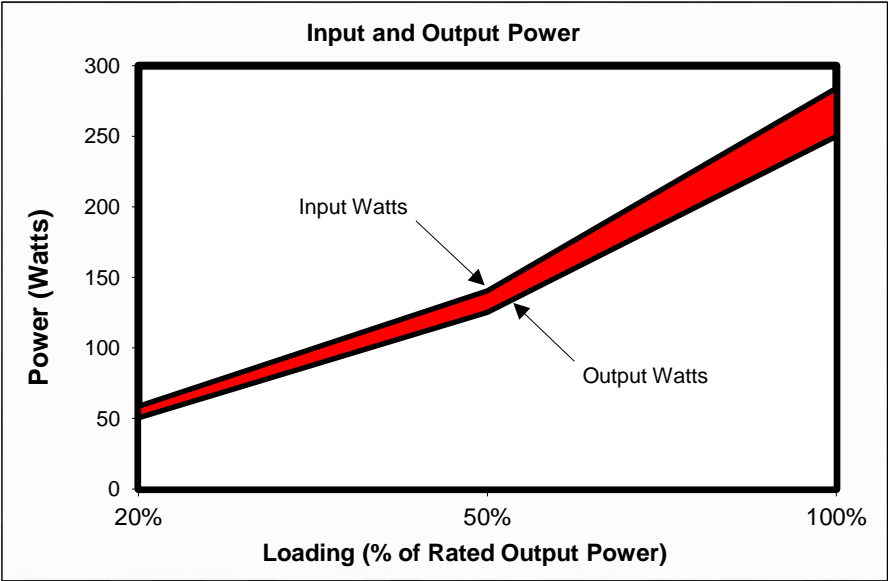
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	3	Amps
Input Frequency	50/60	Hz
Rated Output Power	250	Watts

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



Input AC Current Waveform (ITHD = 16.93%, 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	5.08V	5.08Vsb		
0.16	0.84	14.66%	10%	31.43	12.08/1.52	12.08/0.02	3.27/0.61	5.06/0.73	5.15/0.15	25.12	79.91%
0.27	0.95	11.66%	20%	58.78	12.08/3.05	12.08/0.05	3.27/1.21	5.06/1.46	5.14/0.3	50.33	85.62%
0.62	0.98	16.93%	50%	140.56	12.06/7.64	12.09/0.11	3.25/3.01	5.04/3.61	5.13/0.76	125.34	89.17%
1.24	0.99	11.13%	100%	284.00	12.02/15.27	12.12/0.23	3.23/6.08	5.01/7.22	5.1/1.52	249.92	88.00%



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/>