80 PLUS Verification and Testing Report

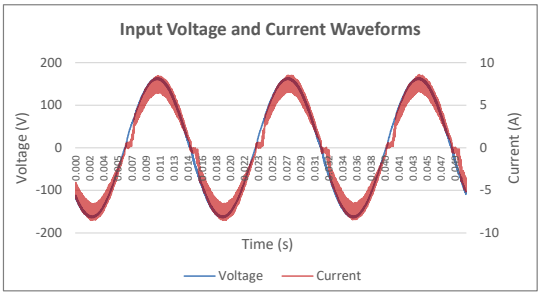
TYPICAL EFFICIENCY (50% Load):	92.11%
AVERAGE EFFICIENCY :	86.29%
80 PLUS COMPLIANT:	Platinum



ID Number	7115
Manufacturer	HuntKey
Model Number	HK1K1-57PP
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	8/9/23

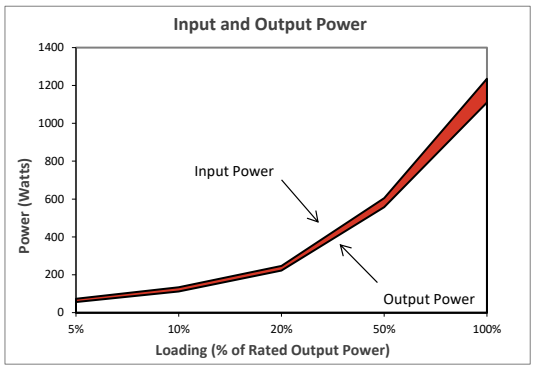
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50-60	Hz
Rated Output Power	1100	Watts

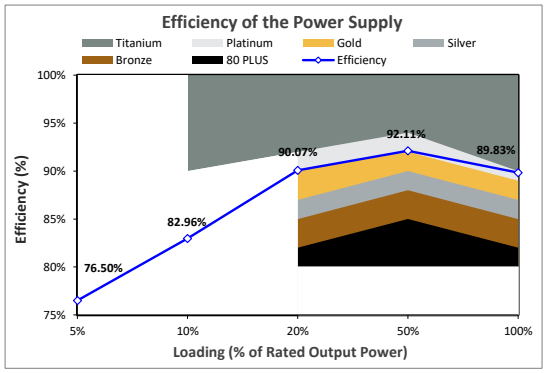
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 5.1%, 50% Load)

I_{RMS} (A)	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		
0.106	0.3327	38.33	0%	4.05	No-Load						
0.720	**0.8818**	19.96	5%	72.94	12.13/3.98	12.01/0.03	3.24/0.78	5.02/0.78	5.04/0.13	55.80	**76.50%**
1.250	**0.9343**	11.28	10%	134.24	12.14/7.93	12/0.06	3.35/1.56	5.01/1.56	5.04/0.26	111.36	**82.96%**
2.215	**0.9687**	8.14	20%	246.63	12.12/15.86	12.18/0.1	3.34/3.12	5.06/3.12	5.03/0.52	222.14	**90.07%**
5.304	**0.9910**	5.10	50%	604.57	12.13/39.76	12.17/0.26	3.32/7.8	5.04/7.8	4.98/1.3	556.87	**92.11%**
10.833	**0.9915**	3.48	100%	1235.46	12.11/79.5	11.98/0.52	3.29/15.53	4.95/15.6	4.9/2.59	1109.80	**89.83%**





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/*