

80 PLUS Verification and Testing Report

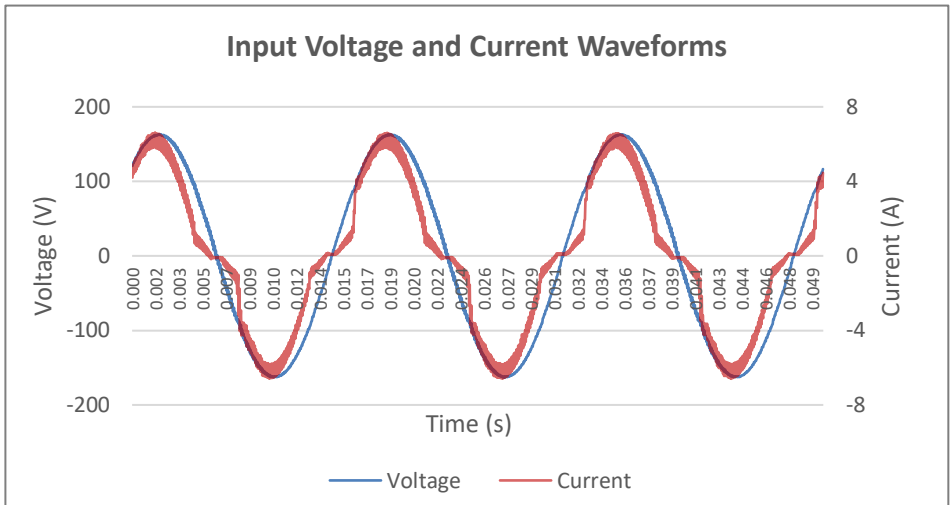
TYPICAL EFFICIENCY (50% Load):	87.21%
AVERAGE EFFICIENCY :	82.38%
80 PLUS COMPLIANT:	Bronze



ID Number	7149
Manufacturer	UNYKA TECHNOLOGY (H.K.) Ltd.
Model Number	UK212701
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	9/19/23

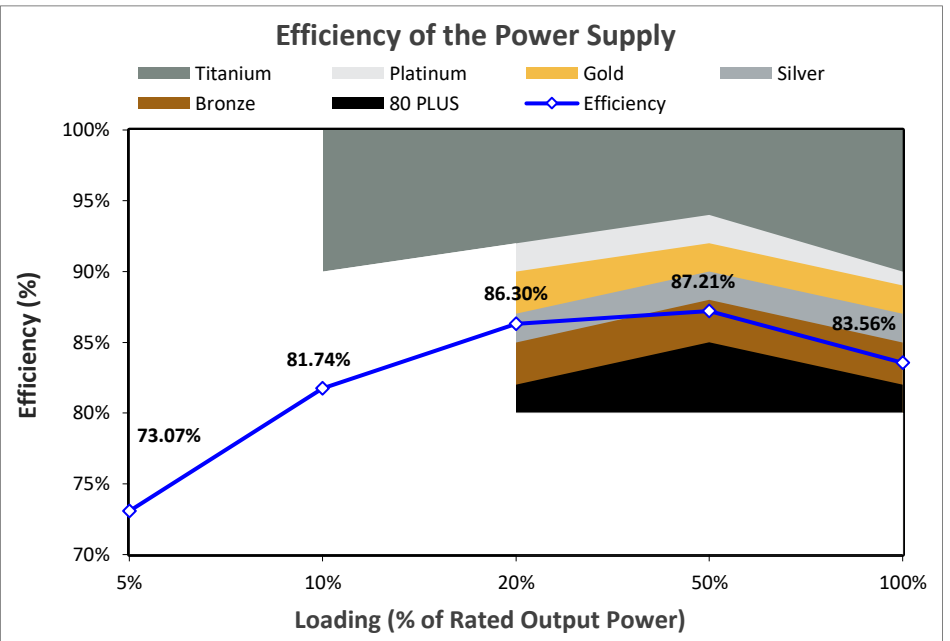
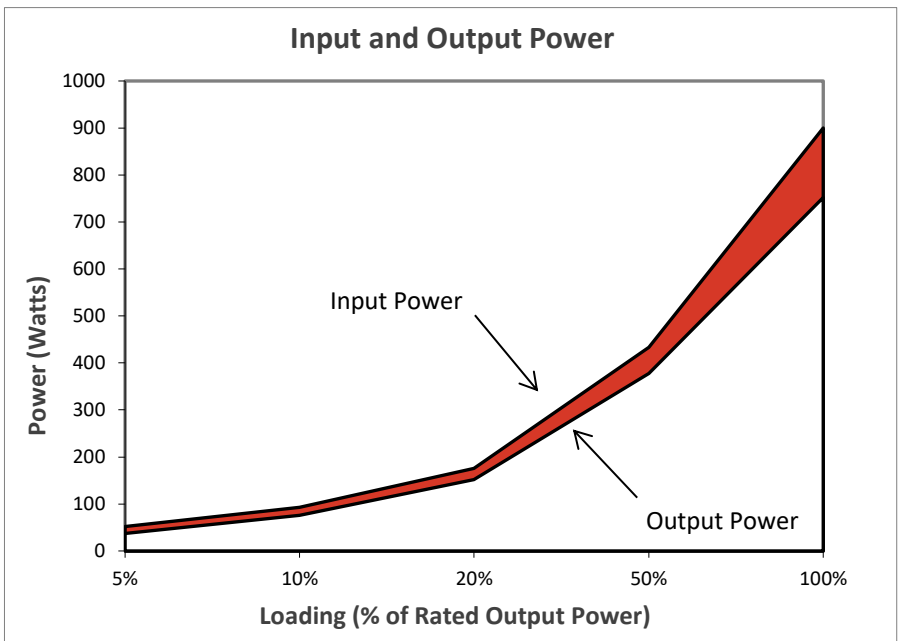
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 23.11%, 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	5Vstb		
0.119	0.5675	22.30	0%	7.76	No-Load						
0.489	0.9155	16.53	5%	51.52	12/2.71	11.8/0.013	3.39/0.52	5.15/0.52	5.19/0.108	37.65	73.07%
0.849	0.9490	20.32	10%	92.63	12.08/5.42	11.84/0.026	3.39/1.05	5.14/1.04	5.18/0.216	75.72	81.74%
1.575	0.9699	19.15	20%	175.62	12.1/10.83	11.82/0.052	3.38/2.09	5.13/2.09	5.16/0.433	151.56	86.30%
3.894	0.9673	23.11	50%	433.28	12.07/27.07	11.85/0.13	3.36/5.22	5.1/5.22	5.1/1.082	377.85	87.21%
7.991	0.9795	17.52	100%	899.98	12.02/54.12	12/0.26	3.32/10.43	5.06/10.43	5/2.164	752.04	83.56%



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/>