

80 PLUS Verification and Testing Report

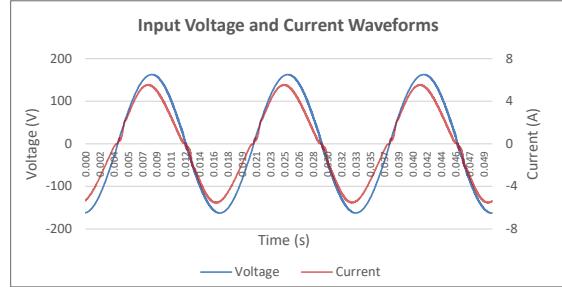
TYPICAL EFFICIENCY (50% Load):	89.02%
AVERAGE EFFICIENCY :	84.28%
80 PLUS COMPLIANT:	Silver



ID Number	7130
Manufacturer	DeepCool
Model Number	PL750D-FC
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	8/28/23

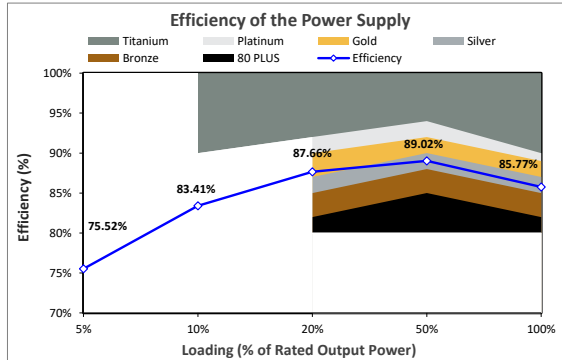
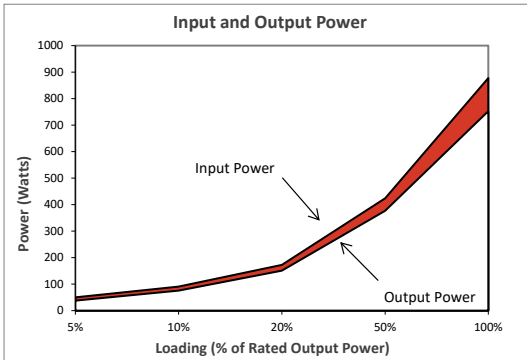
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 7.72%, 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.)						
0.148	0.7122	18.51	0%	12.10	No-Load						
0.456	0.9532	18.76	5%	50.01	12.07/2.7	12.18/0.013	3.33/0.52	5.11/0.52	5.04/0.13	37.76	75.52%
0.807	0.9752	14.57	10%	90.54	12.06/5.4	12.19/0.026	3.33/1.04	5.11/1.04	5.04/0.259	75.52	83.41%
1.543	0.9709	14.77	20%	172.24	12.06/10.8	12.2/0.052	3.33/2.08	5.11/2.08	5.03/0.518	150.98	87.66%
3.716	0.9909	7.72	50%	423.59	12.05/26.98	12.19/0.13	3.35/5.2	5.11/5.2	5.01/1.295	377.09	89.02%
7.666	0.9953	5.85	100%	877.66	12.02/53.97	12.19/0.259	3.37/10.4	5.11/10.4	4.96/2.589	752.78	85.77%



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/>