

80 PLUS Verification and Testing Report

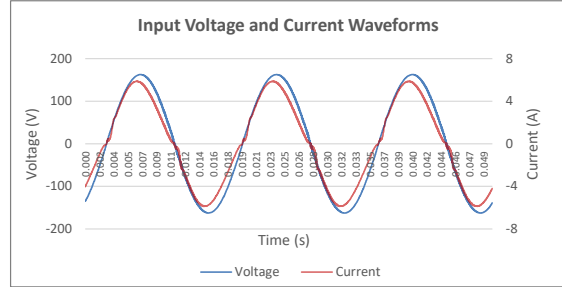
TYPICAL EFFICIENCY (50% Load):	89.37%
AVERAGE EFFICIENCY :	85.37%
80 PLUS COMPLIANT:	Silver



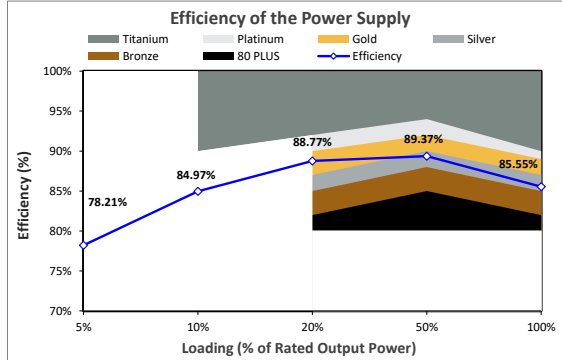
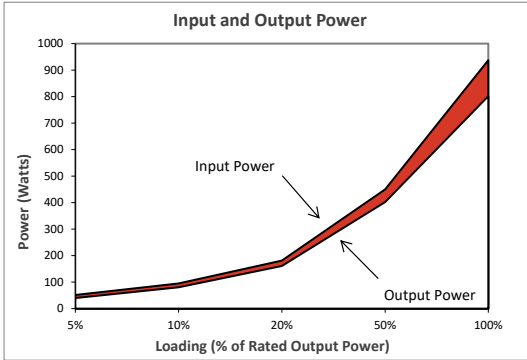
ID Number	7131
Manufacturer	DeepCool
Model Number	PL800D-FC
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	8/28/23

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	Watts

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



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.)						
0.132	0.8685	17.98	0%	13.15	No-Load						
0.455	0.9836	9.41	5%	51.48	12.06/2.9	12.24/0.013	3.34/0.53	5.09/0.53	5.05/0.131	40.26	78.21%
0.866	0.9507	23.56	10%	94.74	12.06/5.81	12.25/0.026	3.34/1.05	5.09/1.05	5.05/0.262	80.51	84.97%
1.623	0.9715	16.04	20%	181.30	12.05/11.61	12.26/0.052	3.33/2.1	5.09/2.1	5.04/0.524	160.95	88.77%
3.945	0.9913	8.15	50%	449.73	12.05/29.02	12.27/0.131	3.3/5.26	5.1/5.26	5.01/1.309	401.91	89.37%
8.189	0.9953	6.38	100%	937.38	12.02/58.04	12.3/0.262	3.24/10.52	5.1/10.52	4.96/2.617	801.92	85.55%



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/>