80 PLUS Verification and Testing Report

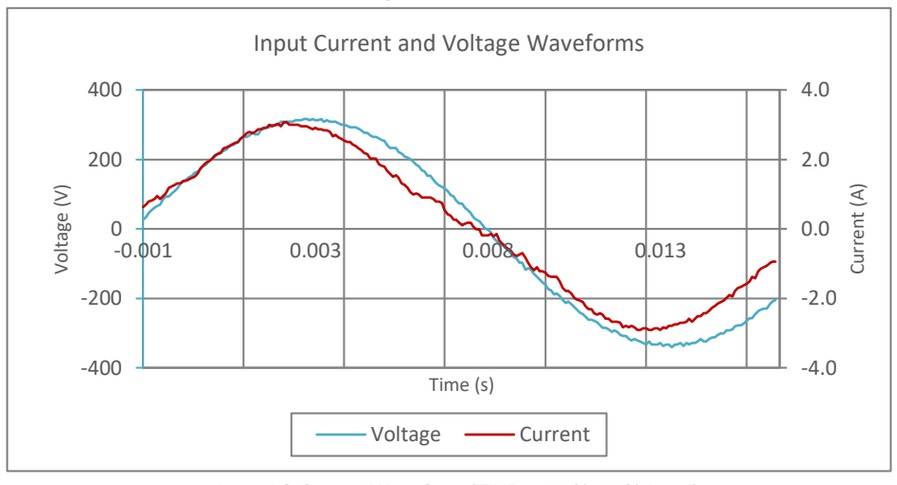
TYPICAL EFFICIENCY (50% Load):	**85.95%**
AVERAGE EFFICIENCY :	**84.06%**
80 PLUS COMPLIANT:	**YES**



ID Number	EU-866.3
Manufacturer	darkFlash
Model Number	DP750
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	12/6/21

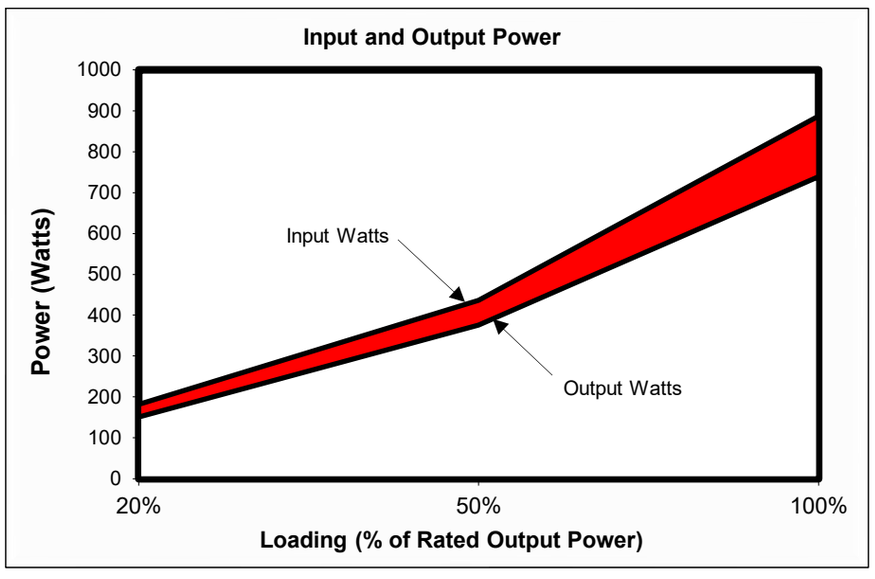
Rated Specifications	Value	Units
Input Voltage	220-240	Volts
Input Current	6	Amps
Input Frequency	50	Hz
Rated Output Power	**750**	**Watts**

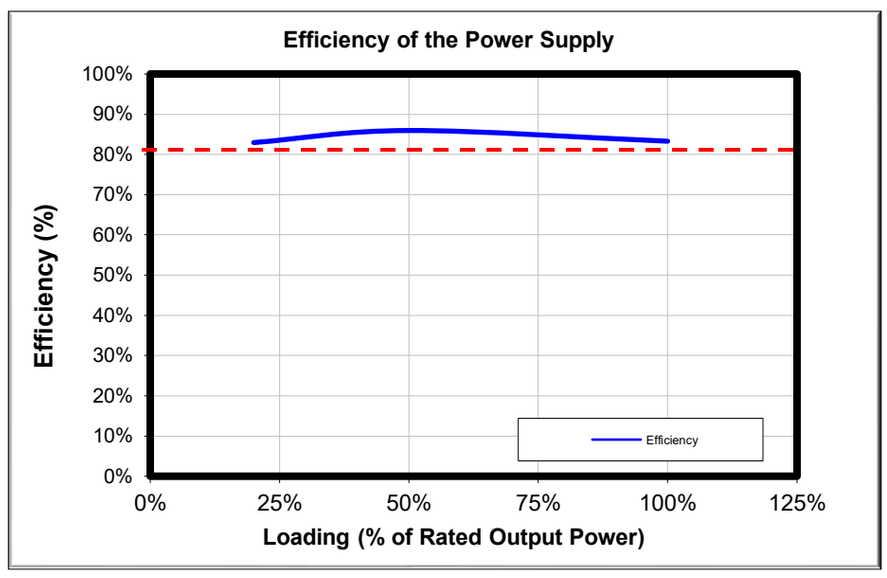
Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 9.9%, 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	5V	5Vsb		
0.49	0.88	32.88%	10%	99.78	12.04/5.45	11.81/0.03	3.41/1.04	5.08/1.04	5.16/0.22	75.84	**76.01%**
0.82	0.96	16.48%	20%	181.96	12.02/10.86	11.84/0.05	3.4/2.09	5.07/2.09	5.14/0.43	150.94	**82.95%**
1.93	0.99	9.90%	50%	436.80	11.95/27.2	11.92/0.13	3.37/5.22	5.03/5.17	5.08/1.08	375.44	**85.95%**
3.91	0.99	12.12%	100%	887.00	11.81/54.12	12.09/0.26	3.31/10.44	4.95/10.33	4.97/2.16	738.78	**83.29%**





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/*