80 PLUS Verification and Testing Report

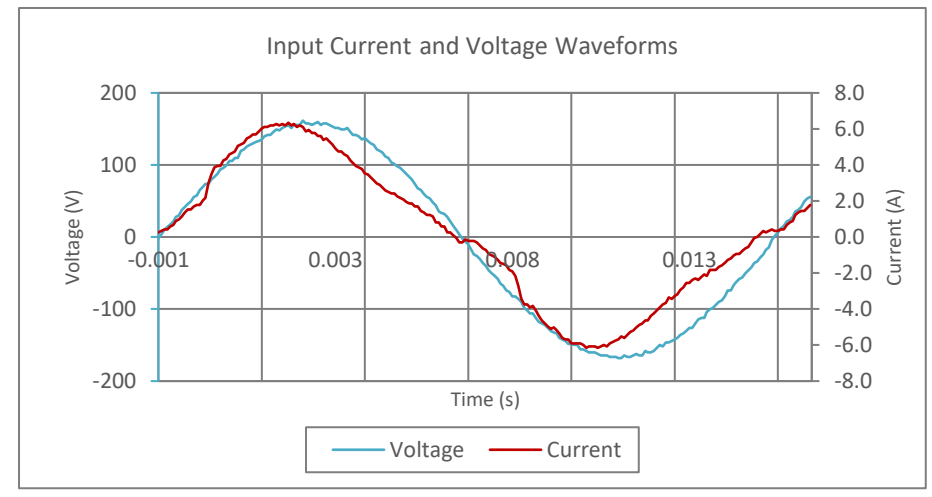
TYPICAL EFFICIENCY (50% Load):	**91.52%**
AVERAGE EFFICIENCY :	**90.40%**
80 PLUS COMPLIANT:	**YES**



ID Number	6515
Manufacturer	BEIJING DEEPCOOL INDUSTRIES CO., LTD.
Model Number	PM800D-F21
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	3/24/21

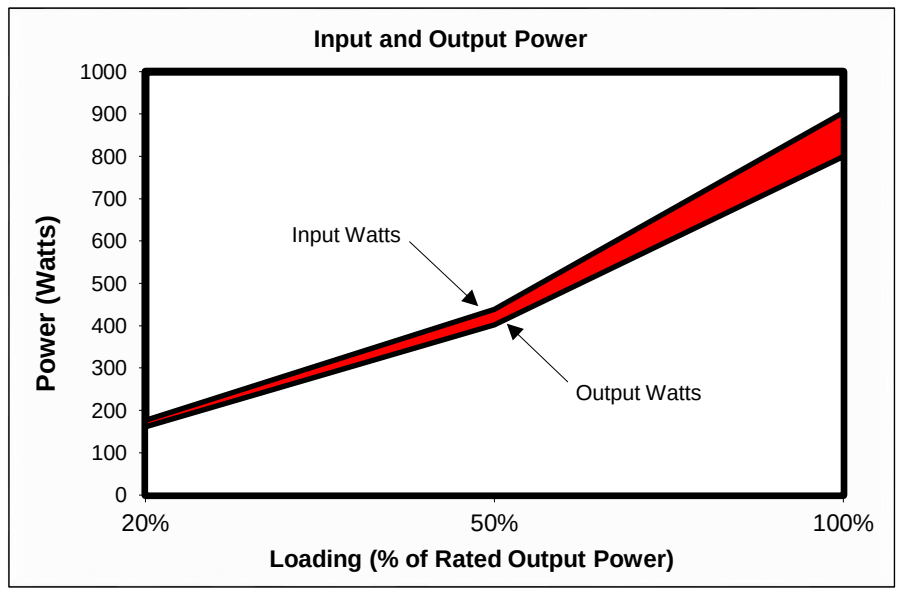
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	**800**	**Watts**

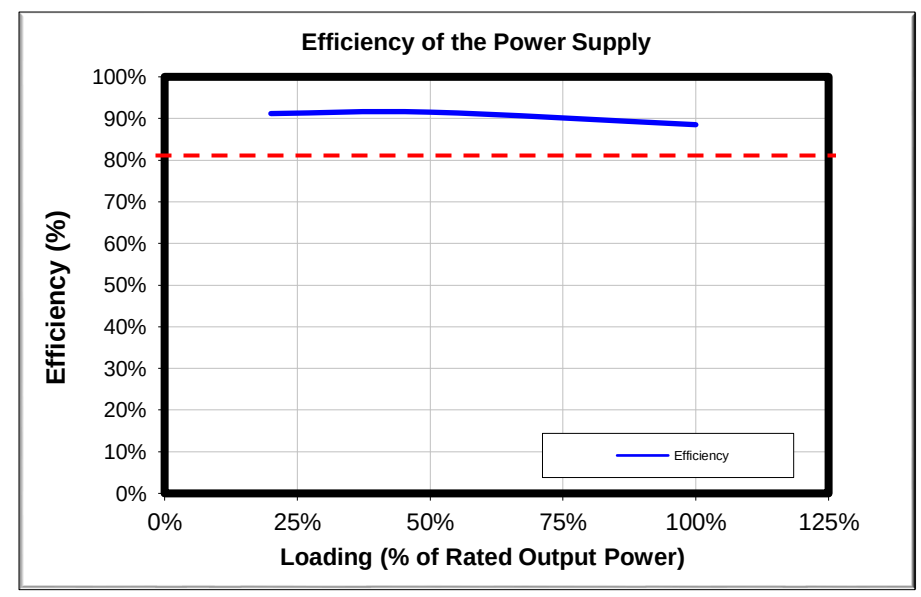
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 16.45%, 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		
0.82	0.96	14.04%	10%	91.24	12.03/5.82	12.3/0.03	3.29/1.05	5.04/1.05	5.08/0.26	80.39	**88.11%**
1.57	0.98	14.07%	20%	176.72	12.03/11.67	12.25/0.05	3.29/2.1	5.04/2.09	5.07/0.52	161.13	**91.18%**
3.90	0.98	16.45%	50%	438.80	12.01/29.15	12.06/0.13	3.27/5.25	5.03/5.22	5.01/1.31	401.59	**91.52%**
7.99	0.98	13.10%	100%	903.40	11.97/58.18	12.4/0.26	3.27/10.53	5.03/10.42	4.92/2.62	799.59	**88.51%**





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/*