80 PLUS Verification and Testing Report

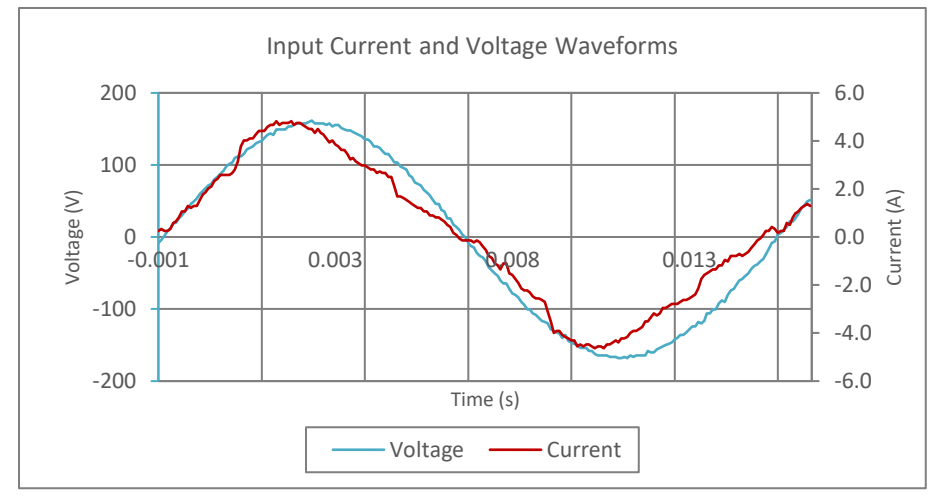
TYPICAL EFFICIENCY (50% Load):	**90.66%**
AVERAGE EFFICIENCY :	**89.33%**
80 PLUS COMPLIANT:	**YES**



ID Number	6513
Manufacturer	BEIJING DEEPCOOL INDUSTRIES CO., LTD.
Model Number	PM600D-F21
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	3/23/21

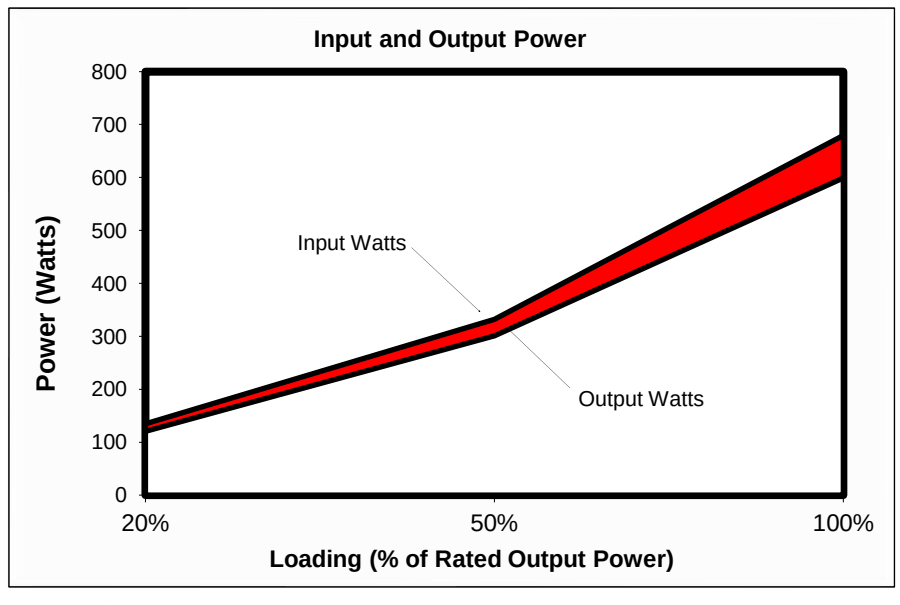
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	**600**	**Watts**

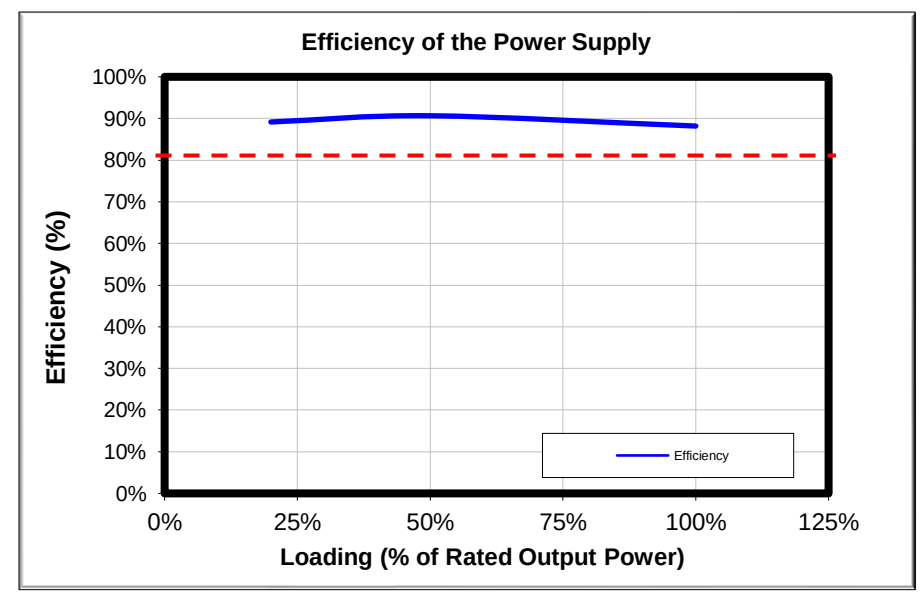
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 14.72%, 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		
0.65	0.95	17.29%	10%	70.63	12.02/4.18	12.02/0.03	3.28/1.01	5/1.01	5.09/0.25	60.27	**85.33%**
1.21	0.97	14.59%	20%	135.10	12.02/8.38	11.98/0.05	3.27/2.01	5/2	5.07/0.5	120.45	**89.15%**
2.94	0.98	14.72%	50%	332.00	12.01/20.97	11.89/0.13	3.28/5.03	5/4.99	5.03/1.25	300.97	**90.66%**
6.01	0.98	13.33%	100%	679.50	11.99/41.84	12.12/0.25	3.23/10.08	5/9.96	4.96/2.5	599.19	**88.18%**





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/*