80 PLUS Verification and Testing Report

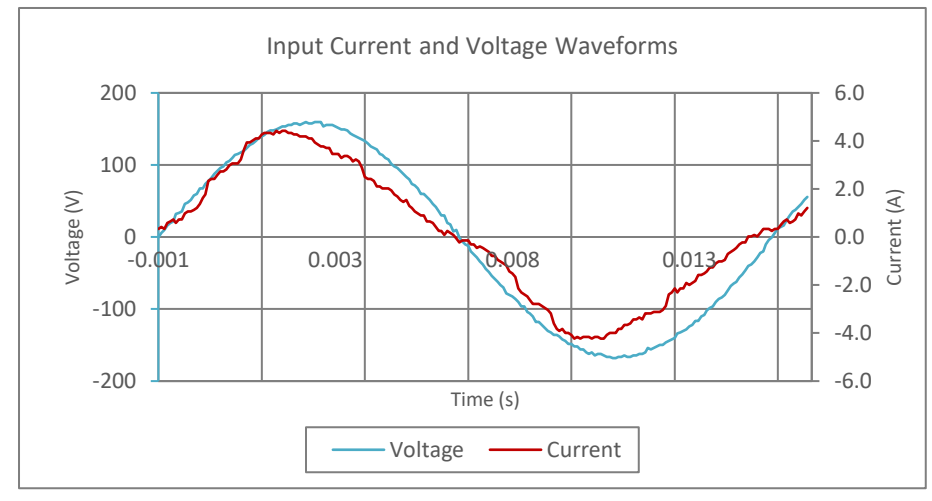
TYPICAL EFFICIENCY (50% Load):	**90.76%**
AVERAGE EFFICIENCY :	**89.41%**
80 PLUS COMPLIANT:	**YES**



ID Number	6556.1
Manufacturer	DeepCool
Model Number	PM550D-F21
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	4/22/21

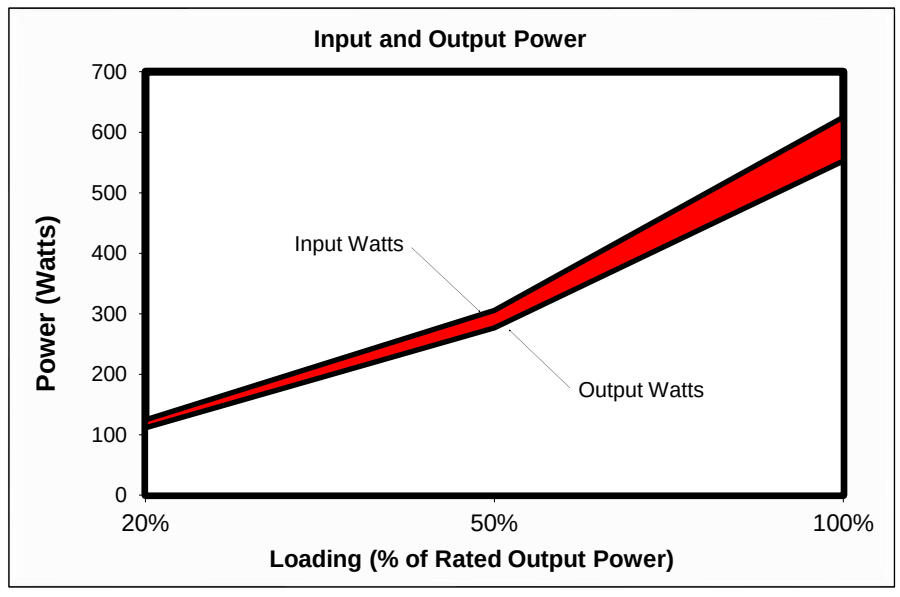
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	**550**	**Watts**

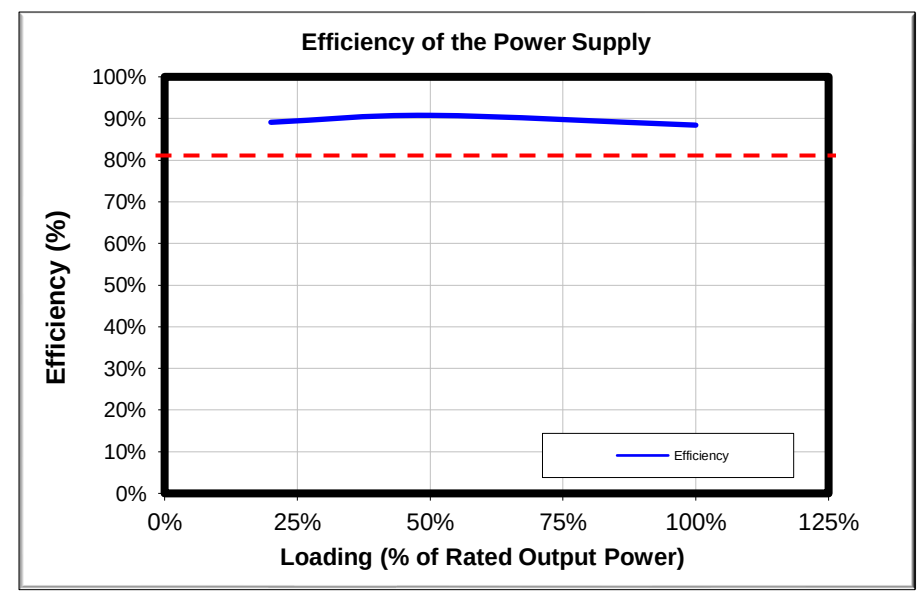
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 15.09%, 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		
0.60	0.95	18.47%	10%	65.19	12.05/3.78	11.99/0.02	3.3/1	5.05/1	5.07/0.25	55.43	**85.03%**
1.12	0.97	18.96%	20%	124.40	12.05/7.56	11.78/0.05	3.3/1.99	5.05/1.98	5.06/0.5	110.82	**89.08%**
2.70	0.98	15.09%	50%	305.10	12.04/18.92	11.88/0.12	3.3/4.99	5.05/4.95	5.02/1.24	276.91	**90.76%**
5.53	0.98	13.69%	100%	624.80	12.02/37.79	12.13/0.25	3.31/9.98	5.05/9.87	4.95/2.48	552.34	**88.40%**





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/*