

80 PLUS Verification and Testing Report

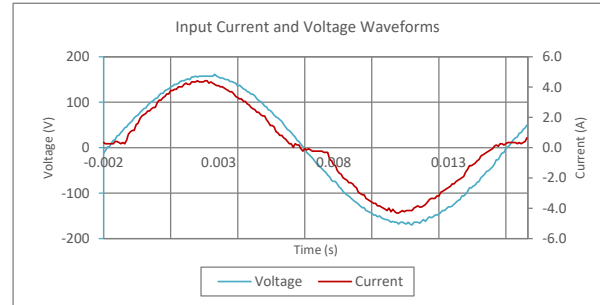
TYPICAL EFFICIENCY (50% Load):	87.90%
AVERAGE EFFICIENCY :	86.29%
80 PLUS COMPLIANT:	YES



ID Number	6267
Manufacturer	BEIJING DEEPCOOL INDUSTRIES CO., LTD.
Model Number	PK550H-F20
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	1/7/21

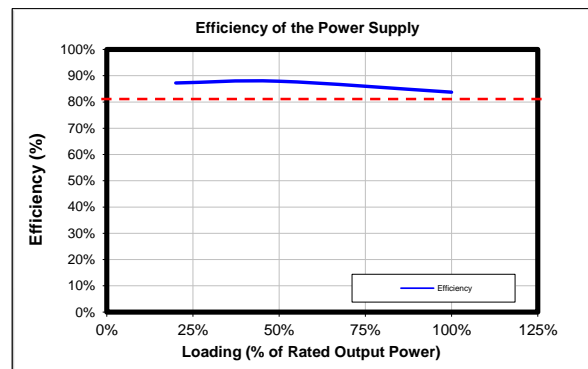
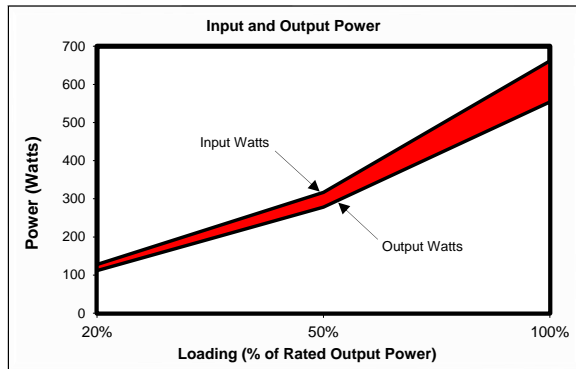
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (I_{THD} = 14.42%, 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		
0.61	0.95	29.17%	10%	66.30	12.17/3.72	11.82/0.02	3.31/1.08	5.03/1.08	5.08/0.2	55.53	83.75%
1.15	0.97	22.61%	20%	128.02	12.16/7.48	11.83/0.05	3.31/2.17	5.03/2.16	5.07/0.41	111.68	87.24%
2.79	0.99	14.42%	50%	316.60	12.13/18.7	11.92/0.12	3.31/5.42	5.03/5.37	5.04/1.02	278.30	87.90%
5.80	0.99	11.31%	100%	661.50	12.07/37.35	12.06/0.25	3.31/10.86	5.04/10.75	4.99/2.05	553.92	83.74%



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/>

