

80 PLUS Verification and Testing Report

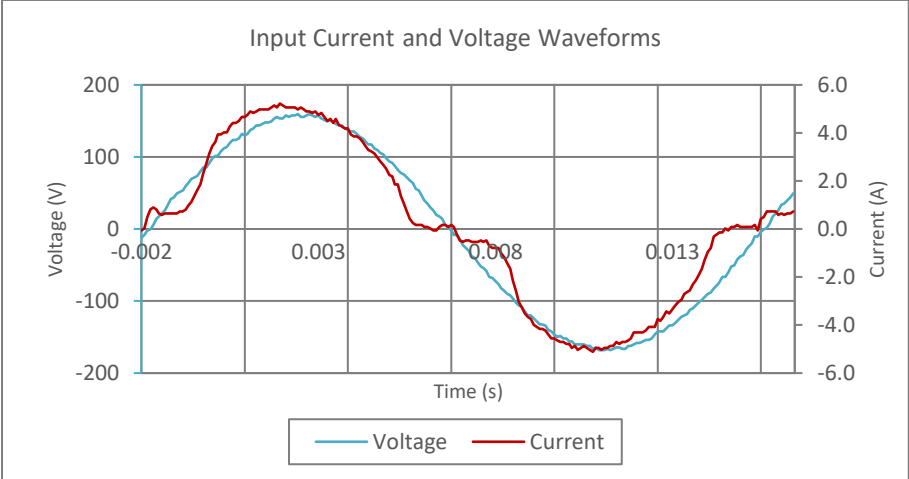
TYPICAL EFFICIENCY (50% Load):	87.49%
AVERAGE EFFICIENCY :	85.97%
80 PLUS COMPLIANT:	YES



ID Number	6138
Manufacturer	Antec Inc.
Model Number	X5000A255HC-20
Serial Number	N/A
Year	2020
Type	ATX12V,EPS12V
Test Date	10/13/20

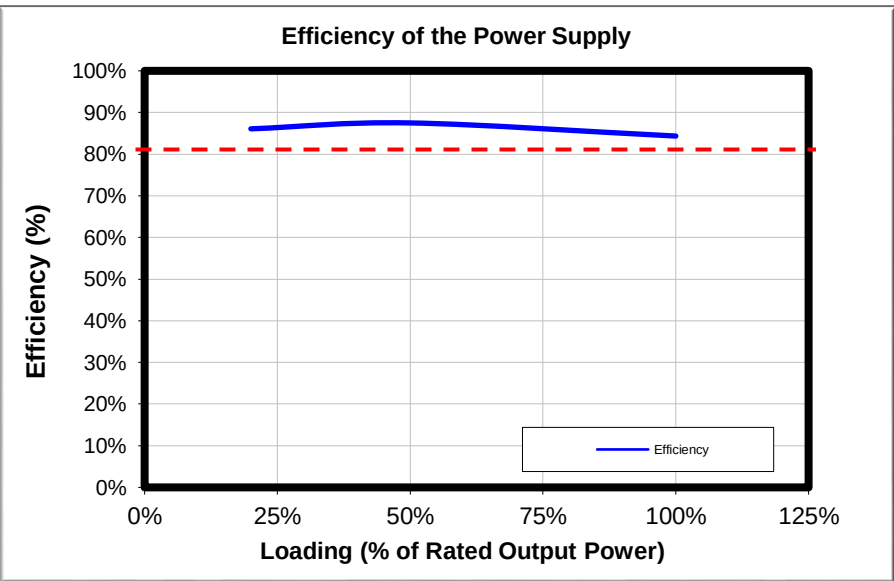
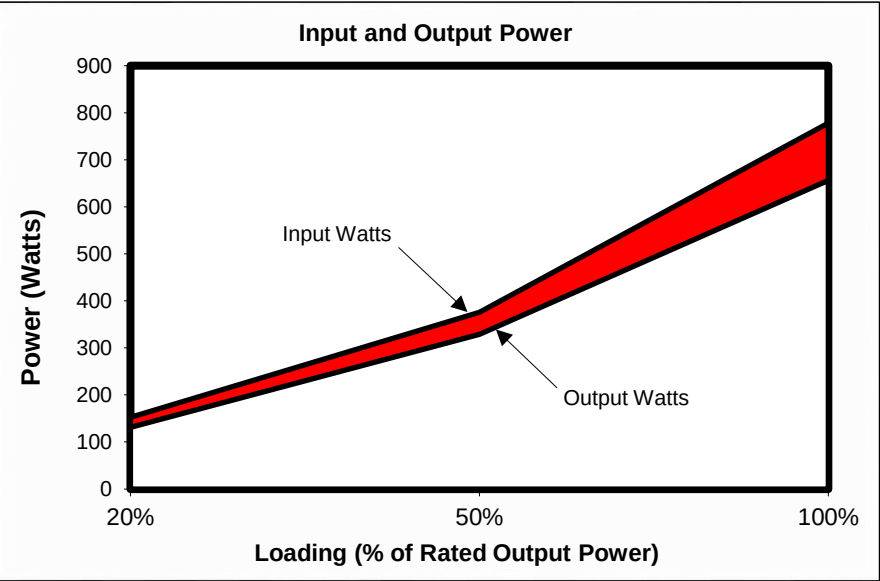
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (ITHD = 18.87%, 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		
0.72	0.98	11.30%	10%	81.01	12.06/4.4	11.95/0.03	3.34/1.27	5.19/1.27	5.11/0.26	65.60	80.98%
1.42	0.93	33.25%	20%	152.70	12.08/8.82	11.99/0.05	3.34/2.54	5.17/2.52	5.1/0.53	131.44	86.08%
3.34	0.98	18.87%	50%	376.10	12.09/22.11	12.05/0.13	3.32/6.36	5.14/6.31	5.07/1.32	329.06	87.49%
6.80	0.99	8.84%	100%	778.00	12.08/44.18	12.19/0.26	3.3/12.74	5.09/12.59	5.03/2.64	656.20	84.34%



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/>

