

80 PLUS Verification and Testing Report

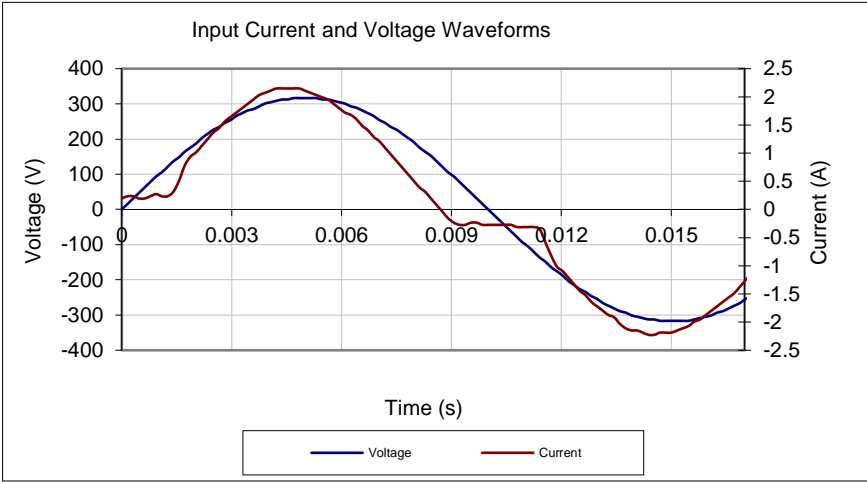
TYPICAL EFFICIENCY (50% Load):	89.53%
AVERAGE EFFICIENCY :	87.73%
80 PLUS COMPLIANT:	YES



ID #	EU-086.1
Manufacturer	Evolveo
Model Number	FX/RX 550
Serial Number	655023140902394
Year	2015
Type	ATX12V,EPS12V
Test Date	3/5/15

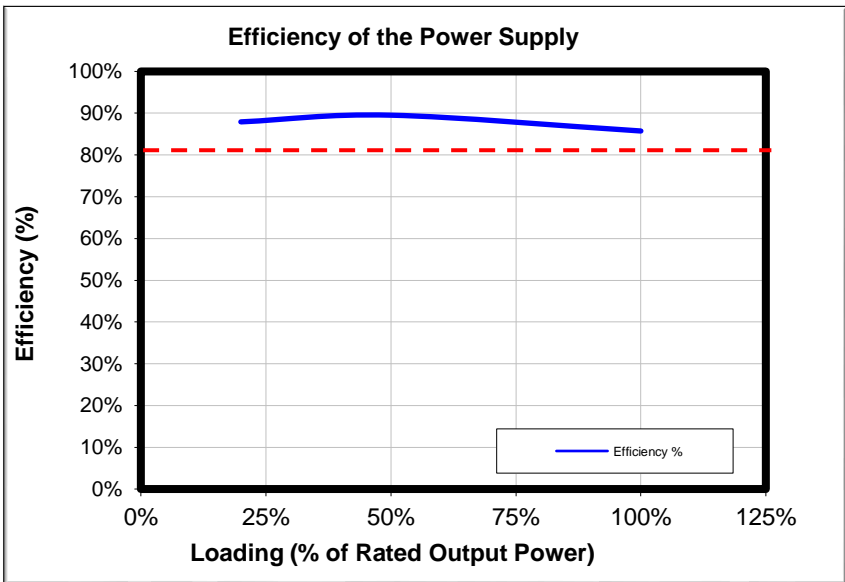
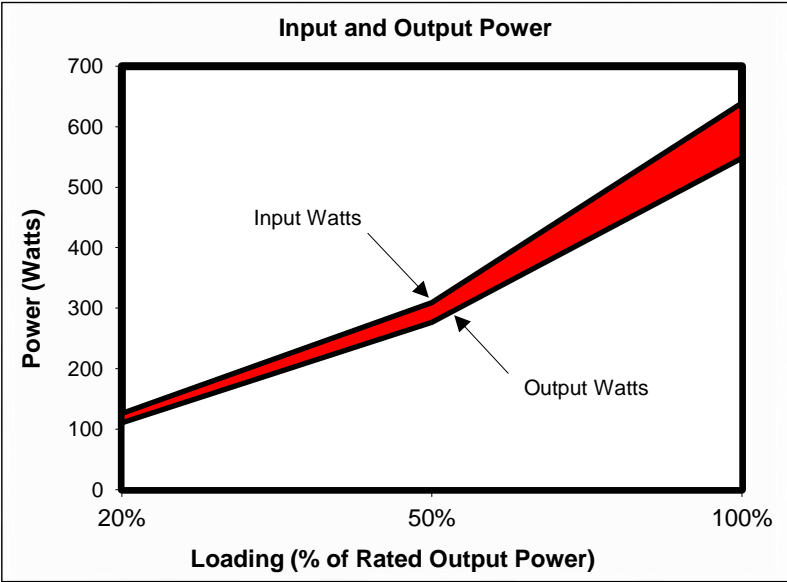
Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	5	Amps
Input Frequency	50	Hz
Rated Output Power	550	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 23.54%, 50% Load)

I _{RMS} A	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		
0.35	0.83	41.15%	10%	67.01	12.02/3.37	11.64/0.04	3.37/1.49	5.14/1.61	5.11/0.22	55.33	82.56%
0.60	0.91	34.21%	20%	126.05	12.04/6.73	11.49/0.09	3.36/2.99	5.12/3.21	5.1/0.45	110.83	87.92%
1.39	0.97	23.54%	50%	308.90	12.03/16.85	11.46/0.22	3.34/7.47	5.08/8.01	5.06/1.12	276.55	89.53%
2.85	0.97	20.57%	100%	639.20	11.95/33.65	11.51/0.45	3.32/14.87	5.03/15.98	4.99/2.24	548.06	85.74%



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/>

