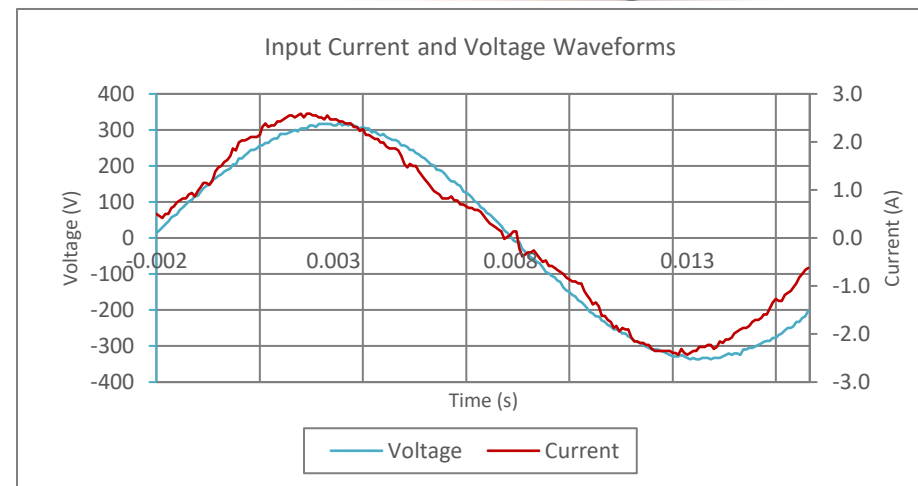


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	88.36%
AVERAGE EFFICIENCY :	86.94%
80 PLUS COMPLIANT:	YES



ID Number	EU-760
Manufacturer	Endeks Bilisim San. Ve Dis Tic. A.S.
Model Number	PG-650B02
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	11/13/20

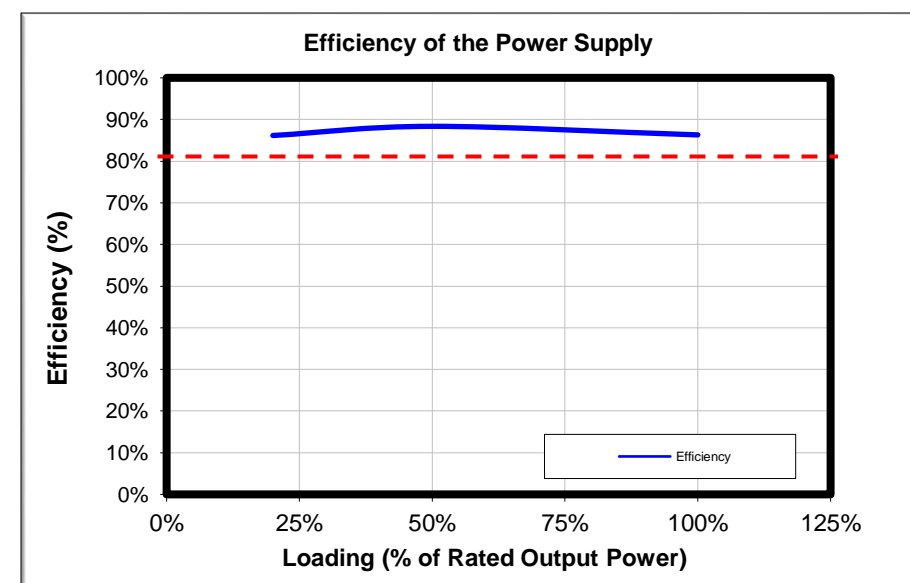
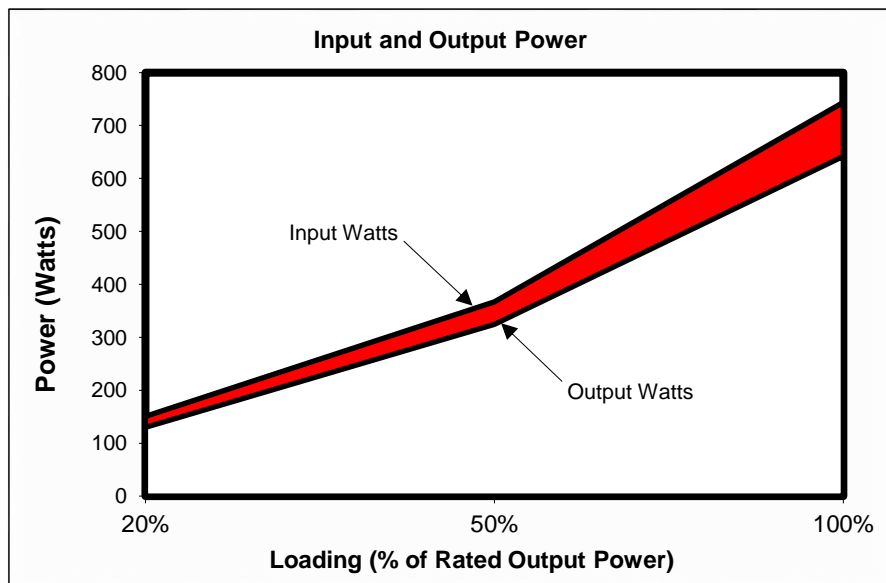


Rated Specifications	Value	Units
Input Voltage	180-260	Volts
Input Current	8	Amps
Input Frequency	47-50	Hz
Rated Output Power	650	Watts

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

Input AC Current Waveform (ITHD = 11.53%, 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
0.57	0.61	51.82%	10%	79.51	11.79/4.71	11.72/0.05	3.43/0.8	5.18/0.9	5.13/0.2	64.63	81.29%
0.80	0.82	31.04%	20%	150.59	11.88/9.41	11.79/0.1	3.43/1.6	5.15/1.79	5.12/0.4	129.74	86.16%
1.67	0.95	11.53%	50%	367.00	11.88/23.56	11.82/0.25	3.42/3.99	5.12/4.45	5.09/1	324.27	88.36%
3.30	0.98	6.95%	100%	743.90	11.78/46.99	11.83/0.5	3.4/7.99	5.12/8.89	5.03/1.99	641.99	86.30%



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/>

