

80 PLUS Verification and Testing Report

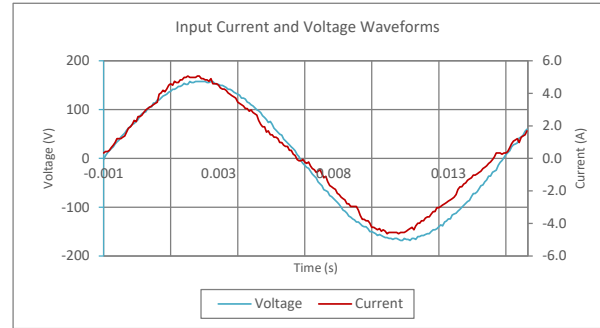
TYPICAL EFFICIENCY (50% Load):	91.79%
AVERAGE EFFICIENCY :	90.62%
80 PLUS COMPLIANT:	YES



ID Number	6430
Manufacturer	DONGGUAN XINTONGYE ELECTRONIC TECHNOLOGY CO., LTD
Model Number	ATX-650W
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	2/18/21

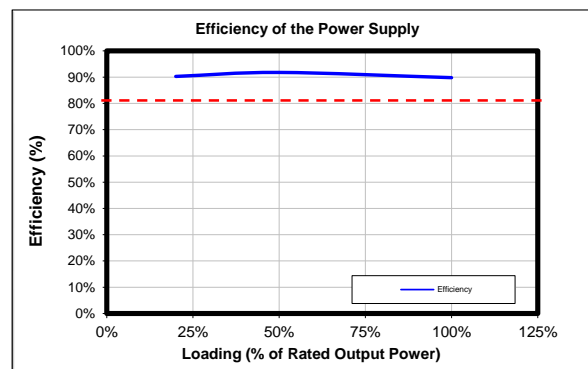
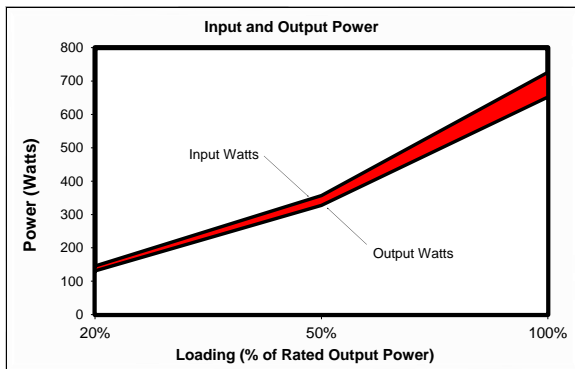
Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	7	Amps
Input Frequency	47-63	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (ITHD = 9.57%, 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		
0.78	0.87	10.69%	10%	77.48	12.07/4.71	12.09/0.03	3.33/0.8	5.11/0.9	5.06/0.25	65.78	84.90%
1.39	0.91	10.65%	20%	145.36	12.06/9.41	12.09/0.06	3.33/1.6	5.11/1.79	5.05/0.5	131.22	90.27%
3.21	0.97	9.57%	50%	356.60	12.03/23.56	12.1/0.15	3.31/3.99	5.1/4.45	5.03/1.25	327.33	91.79%
6.40	0.99	8.68%	100%	726.00	11.99/47.09	12.1/0.3	3.28/7.99	5.07/8.89	4.99/2.49	651.93	89.80%



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/>