

80 PLUS Verification and Testing Report

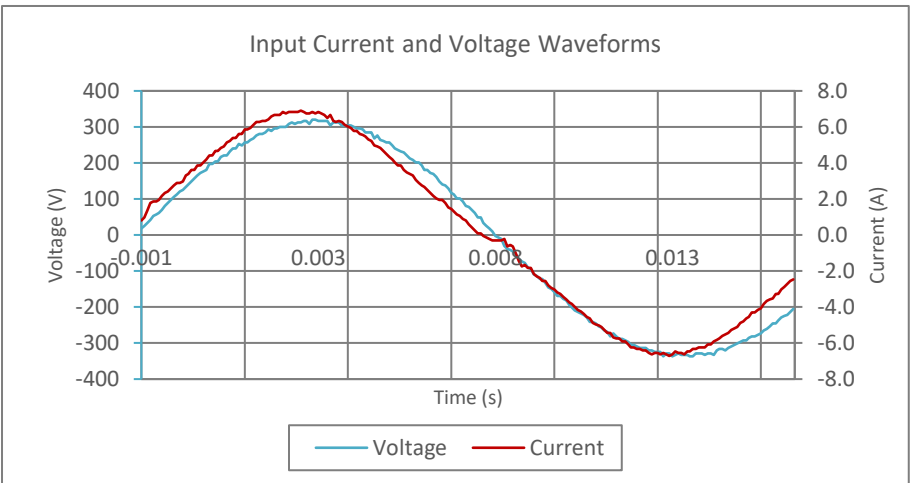
TYPICAL EFFICIENCY (50% Load):	90.32%
AVERAGE EFFICIENCY :	88.61%
80 PLUS COMPLIANT:	YES



ID Number	EU-849
Manufacturer	GUANGZHOU PREE ELECTRONICS TECHNOLOGY CO., LTD.
Model Number	TX1800
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	6/8/21

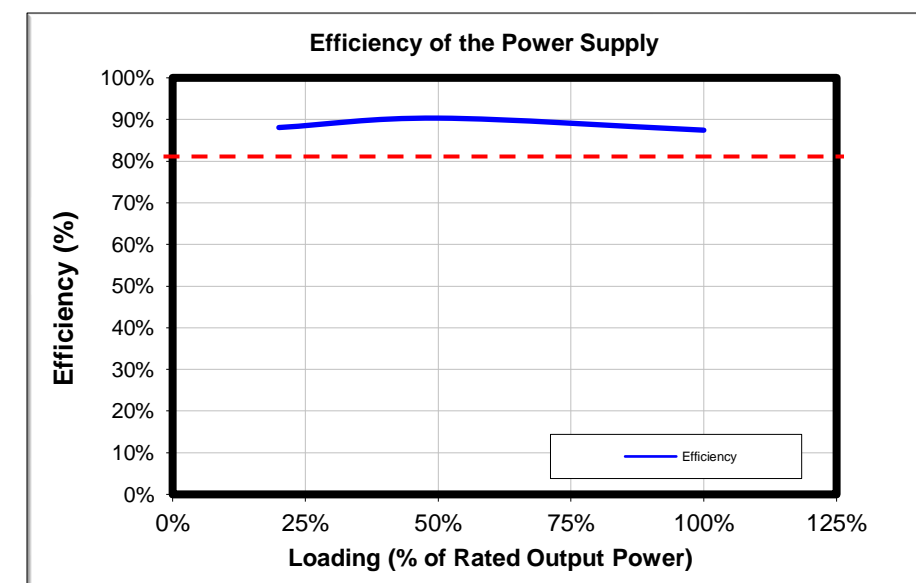
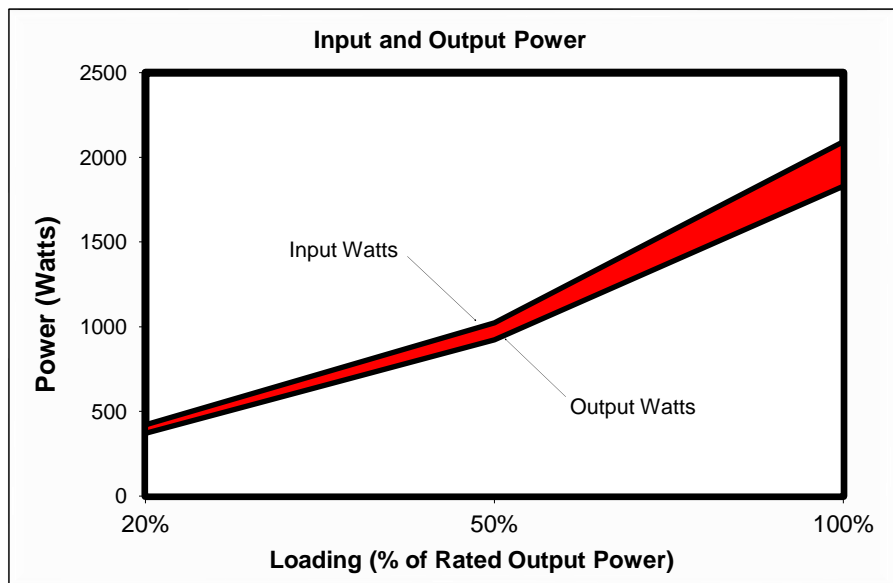
Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	10	Amps
Input Frequency	50	Hz
Rated Output Power	1800	Watts

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



Input AC Current Waveform (ITHD = 7.75%, 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
1.03	0.95	13.56%	10%	224.74	12.36/14.15	12.61/0.03	3.37/1.1	5.2/1.1	5.02/0.25	185.87	82.71%
1.88	0.98	11.60%	20%	421.80	12.34/28.33	12.47/0.06	3.36/2.2	5.19/2.19	5/0.5	371.47	88.07%
4.49	0.99	7.75%	50%	1022.80	12.29/70.74	12.55/0.15	3.33/5.5	5.14/5.45	4.94/1.25	923.84	90.32%
9.13	1.00	4.05%	100%	2092.40	12.2/141.15	13.28/0.3	3.28/11.01	5.05/10.89	4.85/2.5	1829.45	87.43%



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/>