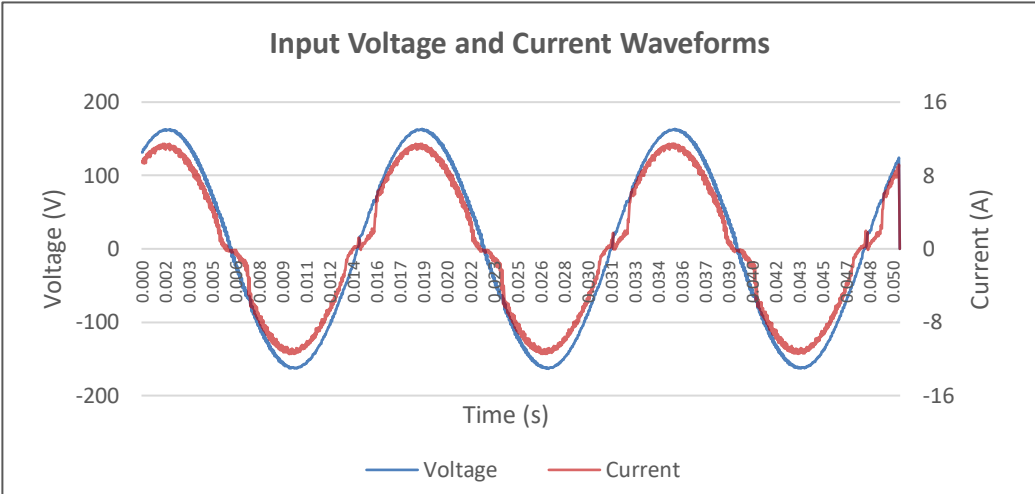


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	93.61%
AVERAGE EFFICIENCY :	90.44%
80 PLUS COMPLIANT:	Titanium



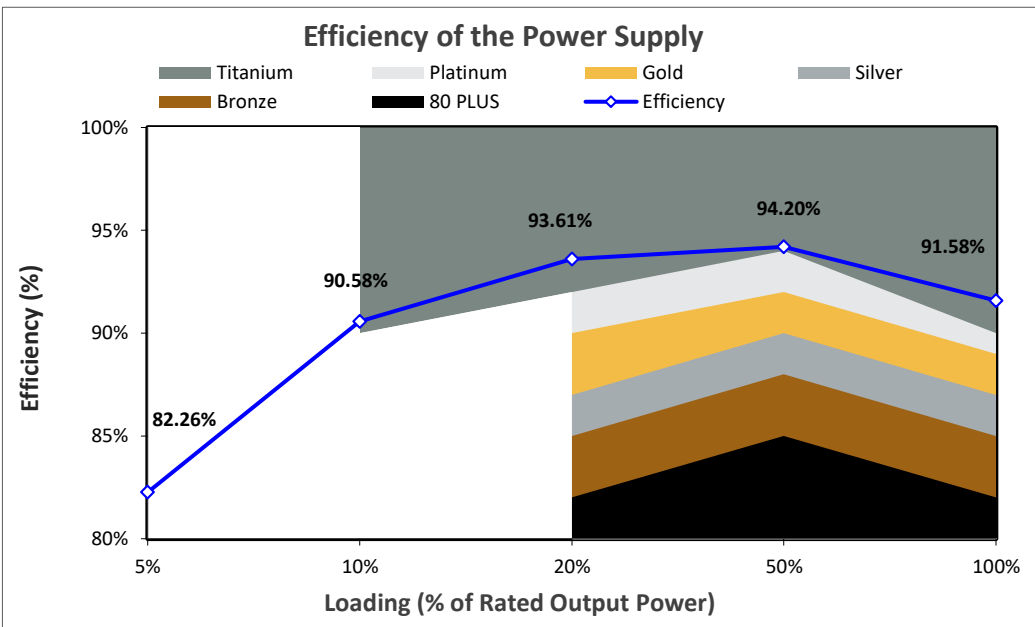
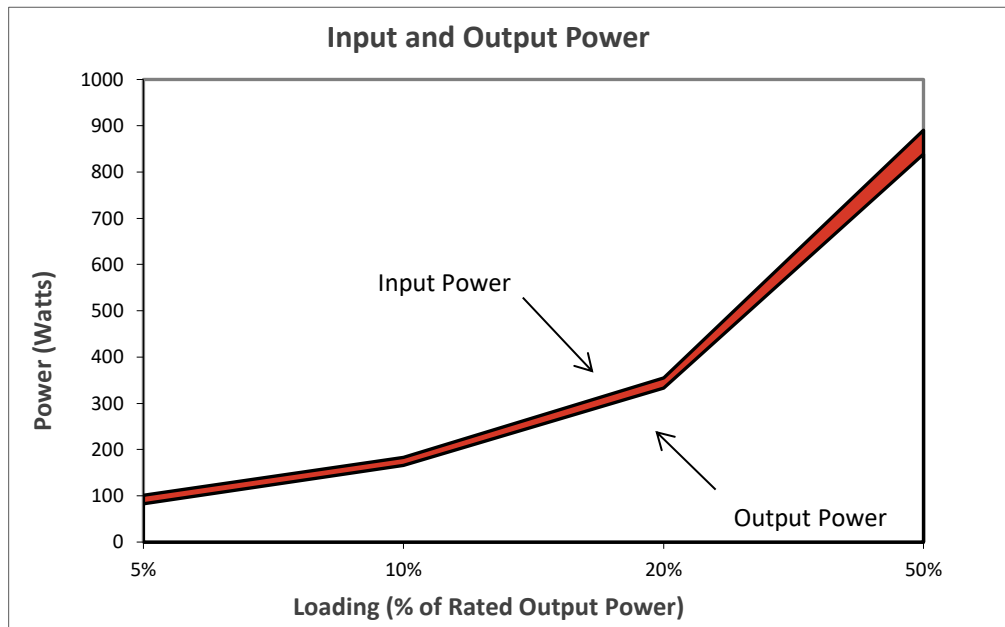
ID Number	7504
Manufacturer	FSP Technology Inc.
Model Number	MEGA-1650TI
Serial Number	S4031030034
Type	ATX12V, EPS12V
Test Date	8/14/24



Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	16-10	Amps
Input Frequency	50-60	Hz
Rated Output Power	1650	Watts

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

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	5Vstb		
0.161	0.6432	11.06	0%	11.90	No-Load						
0.913	0.9610	18.64	5%	100.89	12.06/6.33	12.1/0.014	3.34/0.67	5.05/0.66	5.02/0.184	82.99	82.26%
1.633	0.9753	18.52	10%	183.16	12.06/12.65	12.06/0.028	3.36/1.33	5.06/1.33	5.01/0.368	165.90	90.58%
3.169	0.9755	20.75	20%	355.36	12.08/25.3	12.06/0.055	3.39/2.66	5.1/2.66	5.02/0.736	332.65	93.61%
7.788	0.9939	9.87	50%	890.32	12.17/63.25	12.06/0.138	3.5/6.65	5.21/6.65	5.01/1.84	838.64	94.20%
16.180	0.9984	4.30	100%	1856.89	12.32/126.49	12.06/0.276	3.67/13.3	5.39/13.3	4.96/3.679	1700.59	91.58%



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/>