

# 80 PLUS Verification and Testing Report

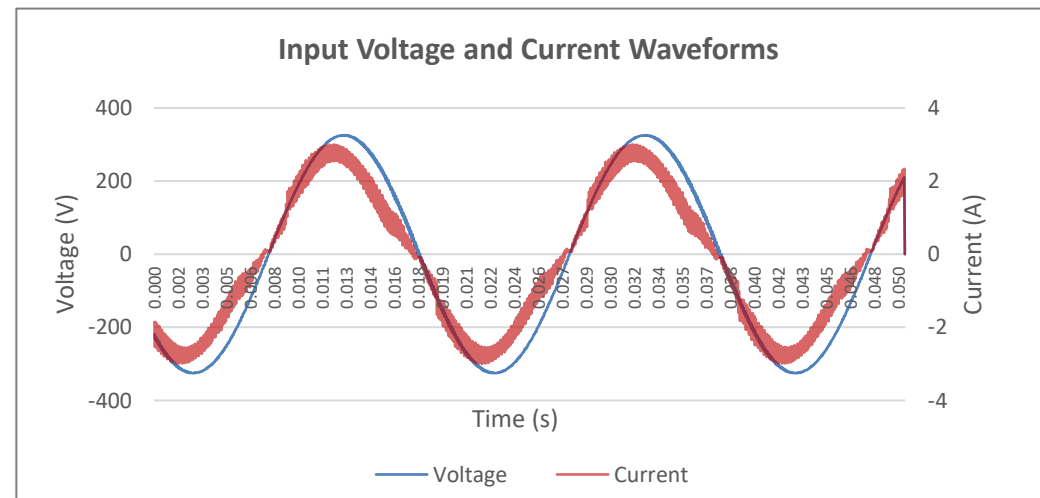
TYPICAL EFFICIENCY (50% Load):	90.07%
AVERAGE EFFICIENCY :	86.36%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1069
Manufacturer	VSP TECHNOLOGY SPREAD
Model Number	VGP750BRU PRO
Serial Number	N/A
Type	ATX12V
Test Date	6/10/24

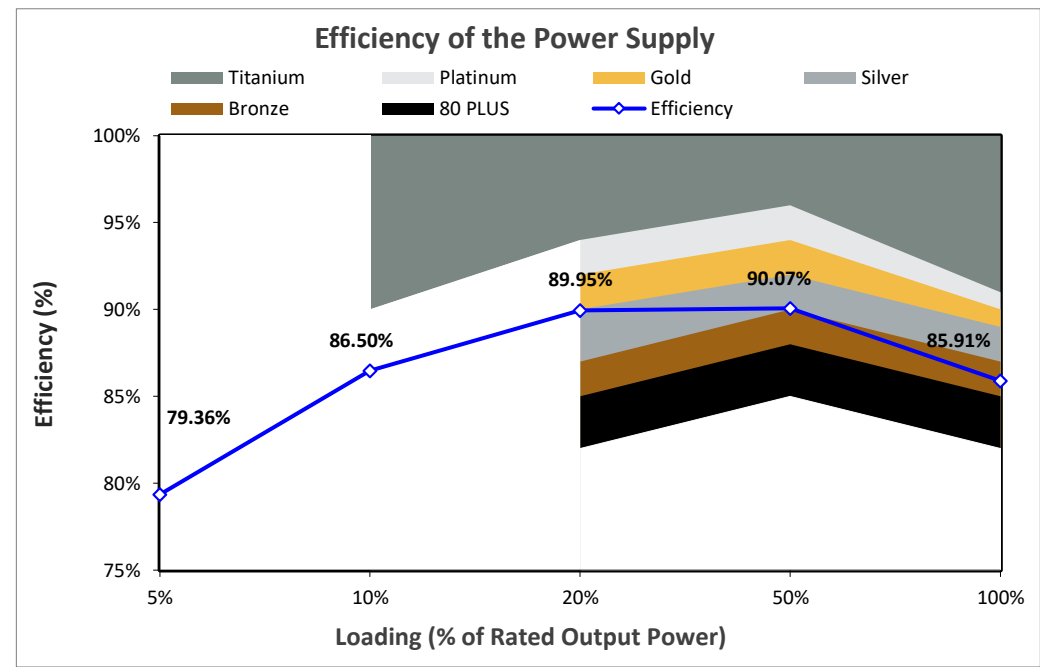
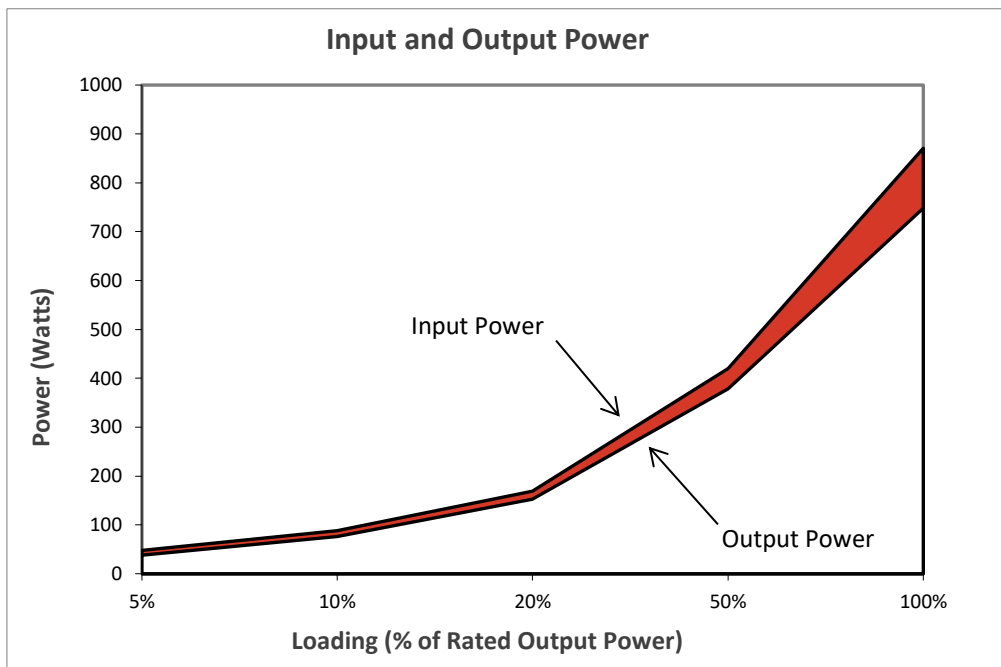
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	7	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 9.23%, 50% Load)

I <sub>RMS</sub> (A)	PF	I <sub>THD</sub> (%)	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		
0.116	0.4176	27.81	0%	11.18	No-Load						
0.269	0.7765	18.88	5%	48.09	12.18/2.68	12.11/0.013	3.39/0.57	5.17/0.57	5.12/0.107	38.17	79.36%
0.433	0.8855	13.03	10%	88.16	12.17/5.35	12.12/0.026	3.39/1.13	5.16/1.13	5.12/0.214	76.26	86.50%
0.779	0.9445	11.72	20%	169.21	12.15/10.7	12.14/0.051	3.38/2.27	5.15/2.27	5.1/0.428	152.20	89.95%
1.864	0.9794	9.23	50%	419.88	12.09/26.76	12.28/0.128	3.34/5.67	5.08/5.67	5.05/1.07	378.19	90.07%
3.824	0.9902	5.21	100%	870.75	11.97/53.51	12.48/0.257	3.27/11.35	4.98/11.35	4.95/2.139	748.08	85.91%



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/>