

80 PLUS Verification and Testing Report

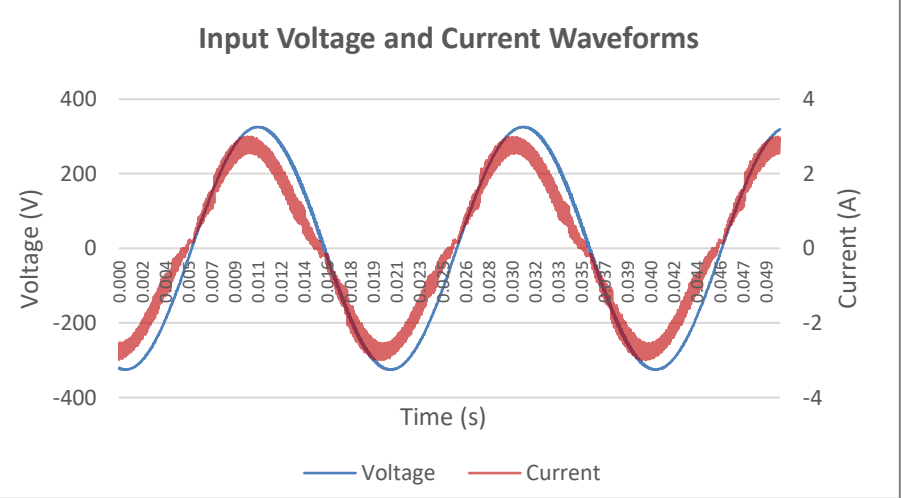
TYPICAL EFFICIENCY (50% Load):	89.71%
AVERAGE EFFICIENCY :	85.46%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-949
Manufacturer	Zalman
Model Number	ZM750-GV3
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	5/9/23

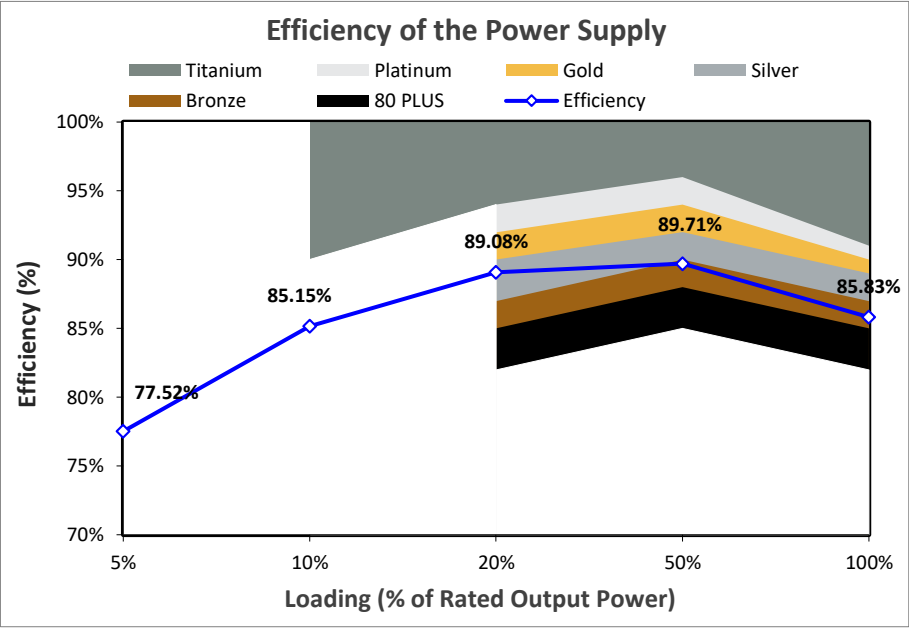
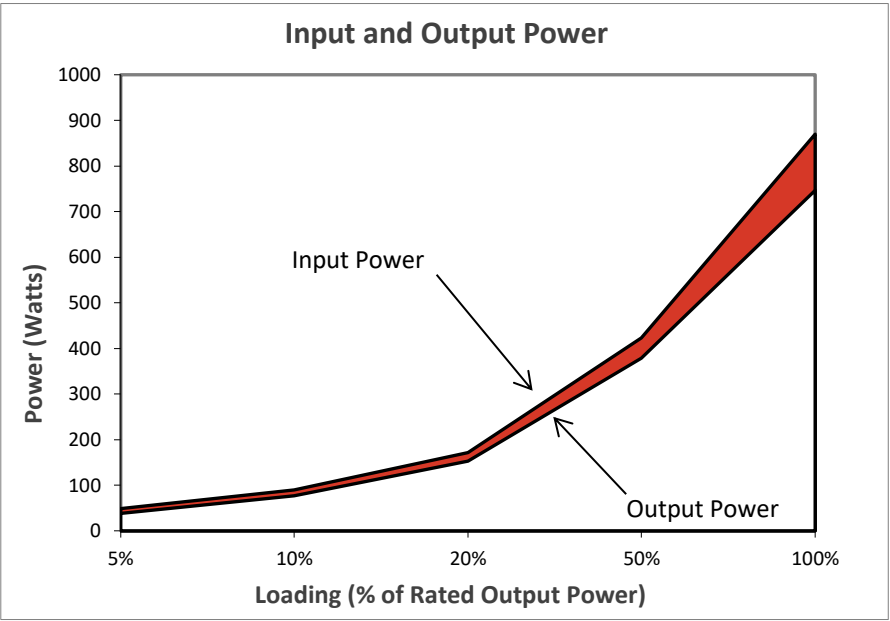
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 7.47%, 50% Load)

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		
0.163	0.3060	22.14	0%	11.46	No-Load						
0.297	0.7200	14.81	5%	49.17	12.17/2.64	12.21/0.01	3.35/0.61	5.13/0.61	5.12/0.13	38.12	77.52%
0.454	0.8596	10.99	10%	89.68	12.16/5.29	12.11/0.03	3.34/1.22	5.12/1.22	5.11/0.25	76.36	85.15%
0.791	0.9399	8.49	20%	170.91	12.14/10.58	12.07/0.06	3.33/2.44	5.11/2.43	5.09/0.51	152.24	89.08%
1.873	0.9806	7.47	50%	422.34	12.09/26.51	11.98/0.13	3.28/6.09	5.05/6.04	5.02/1.27	378.89	89.71%
3.813	0.9919	4.01	100%	869.78	11.99/52.75	12.06/0.25	3.21/12.16	4.95/12.08	4.91/2.53	746.49	85.83%



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/>