

80 PLUS Verification and Testing Report

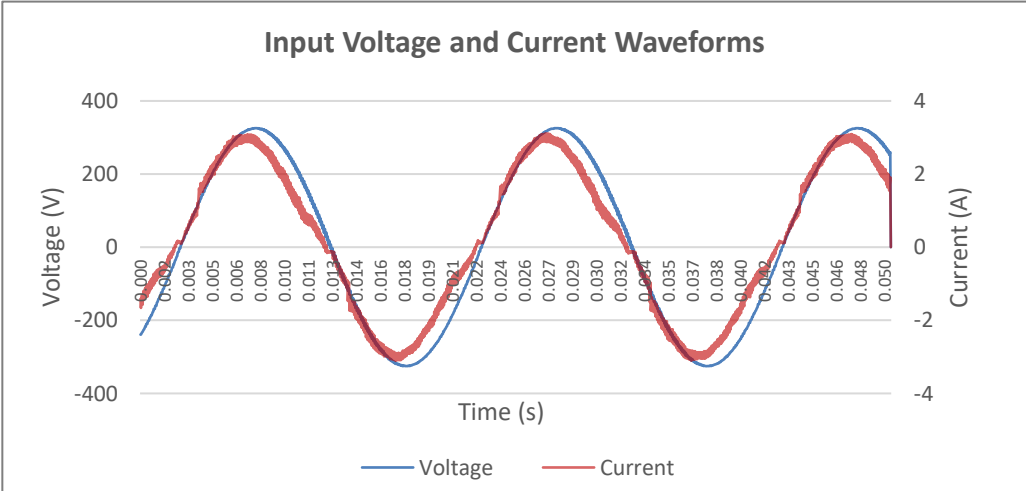
TYPICAL EFFICIENCY (50% Load):	89.72%
AVERAGE EFFICIENCY :	85.62%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1074
Manufacturer	Zalman
Model Number	ZM800-GV2SE
Serial Number	N/A
Type	ATX12V
Test Date	6/19/24

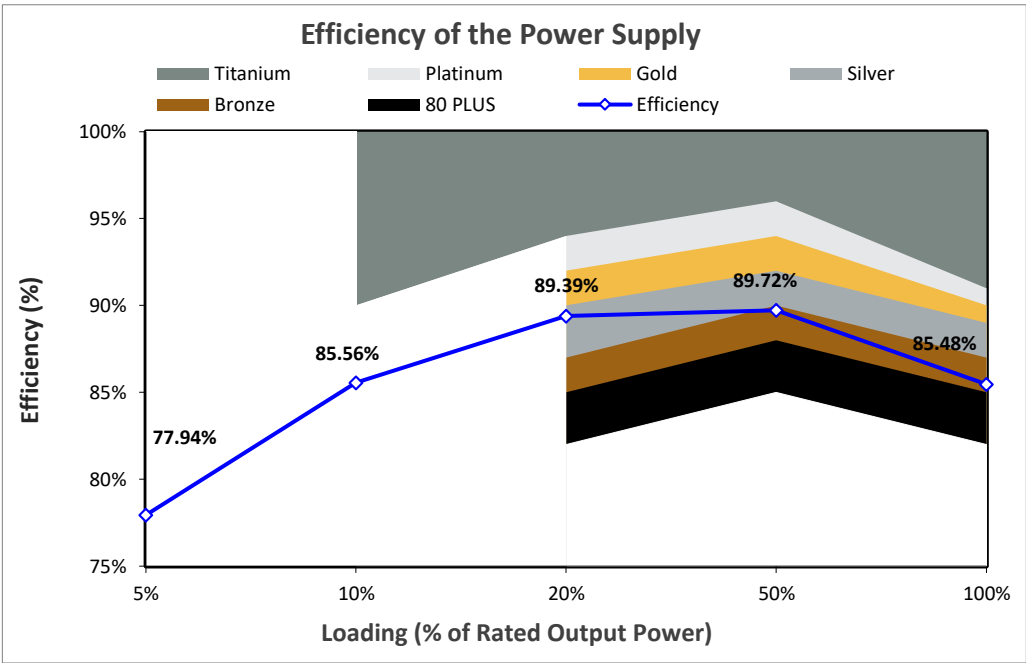
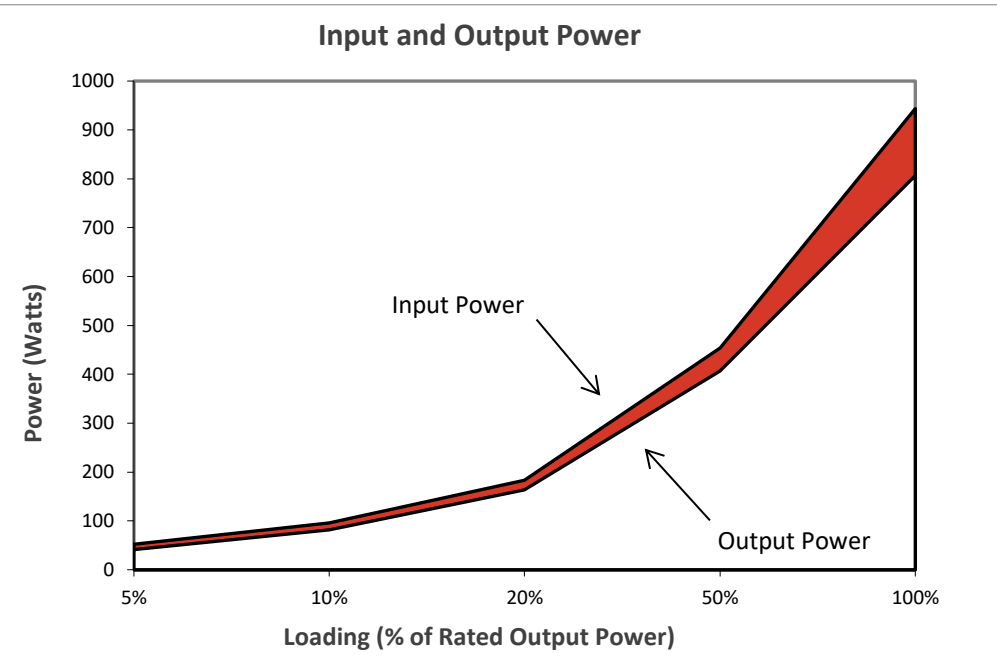
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	7	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	Watts

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



Input AC Current Waveform (ITHD = 8.66%, 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	5Vstb		
0.139	0.3593	26.83	0%	11.47	No-Load						
0.293	0.7820	16.84	5%	52.60	12.3/2.84	12.01/0.021	3.37/0.61	5.14/0.61	5.12/0.128	41.00	77.94%
0.464	0.8963	12.34	10%	95.77	12.29/5.67	11.92/0.043	3.36/1.23	5.13/1.23	5.1/0.255	81.94	85.56%
0.833	0.9547	10.78	20%	182.98	12.28/11.34	11.81/0.085	3.35/2.46	5.11/2.46	5.06/0.51	163.57	89.39%
2.004	0.9833	8.66	50%	453.32	12.24/28.34	11.72/0.213	3.31/6.15	5.06/6.15	4.8/1.275	406.74	89.72%
4.135	0.9921	5.13	100%	943.53	12.15/56.68	11.79/0.425	3.25/12.29	4.97/12.29	4.72/2.549	806.52	85.48%



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/>