

80 PLUS Verification and Testing Report

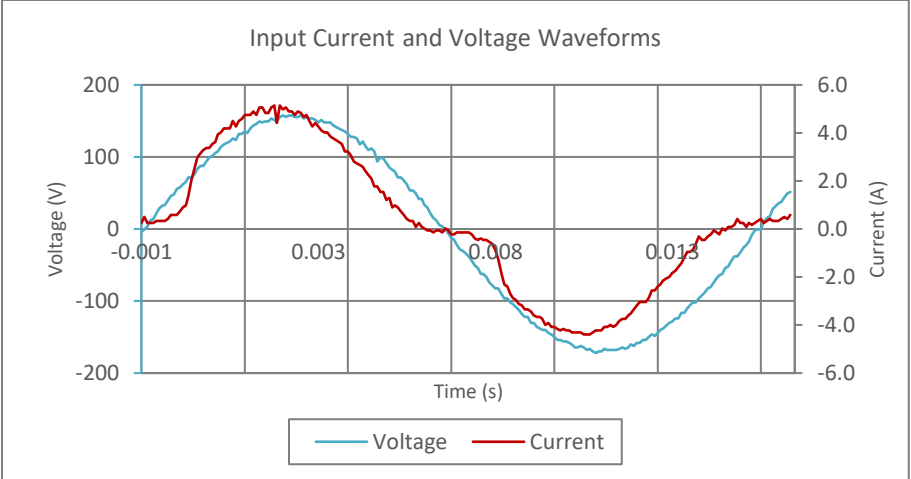
TYPICAL EFFICIENCY (50% Load):	87.51%
AVERAGE EFFICIENCY :	85.81%
80 PLUS COMPLIANT:	YES



ID Number	5468
Manufacturer	Zalman
Model Number	ZM550-GVII
Serial Number	N/A
Year	2019
Type	ATX12V,EPS12V
Test Date	1/15/19

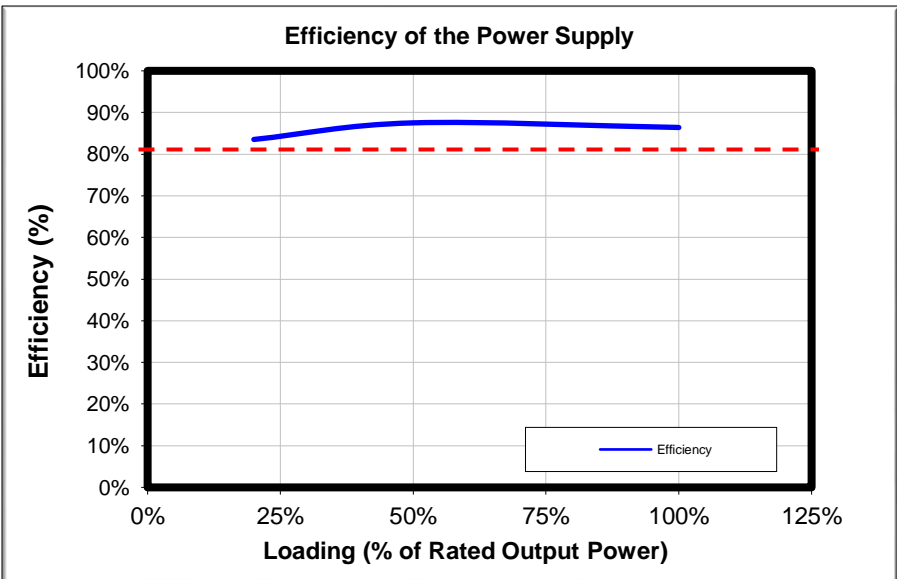
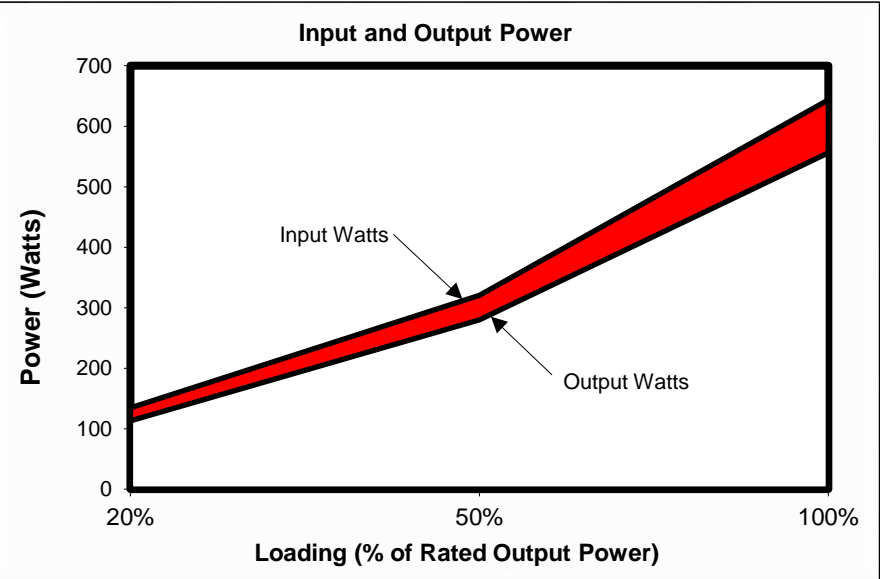
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 22.75%, 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		
0.80	0.80	24.15%	10%	73.61	12.23/3.78	11.87/0.03	3.43/1.12	5.1/0.94	5.21/0.21	56.32	76.51%
1.31	0.89	26.34%	20%	134.64	12.21/7.57	11.89/0.05	3.43/2.25	5.09/1.86	5.2/0.42	112.45	83.52%
2.94	0.95	22.75%	50%	320.20	12.17/18.95	11.93/0.13	3.41/5.61	5.06/4.64	5.17/1.05	280.21	87.51%
5.74	0.97	14.79%	100%	643.40	12.09/37.84	12.06/0.25	3.38/11.24	5.02/9.27	5.13/2.1	555.91	86.40%



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/>

