

80 PLUS Verification and Testing Report

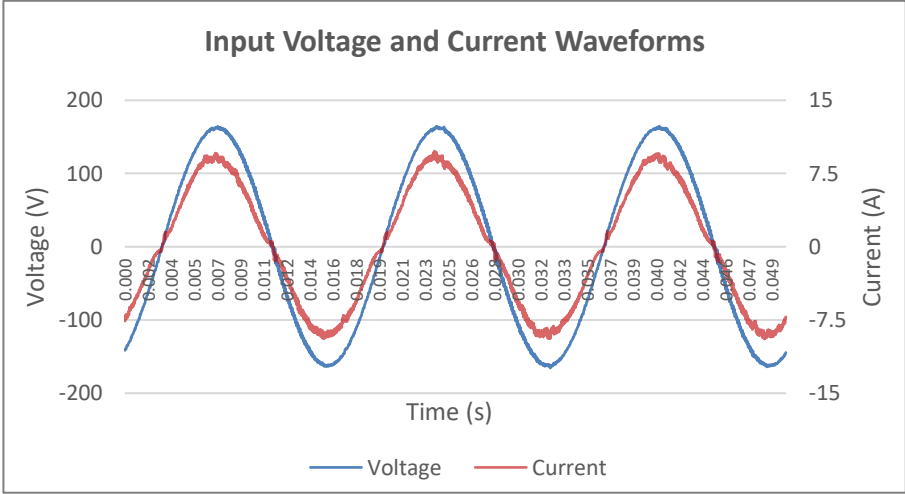
TYPICAL EFFICIENCY (50% Load):	92.44%
AVERAGE EFFICIENCY :	88.33%
80 PLUS COMPLIANT:	Platinum



ID Number	7036
Manufacturer	Sharkoon Technologies
Model Number	REBEL P30 Gold 1300
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	4/28/23

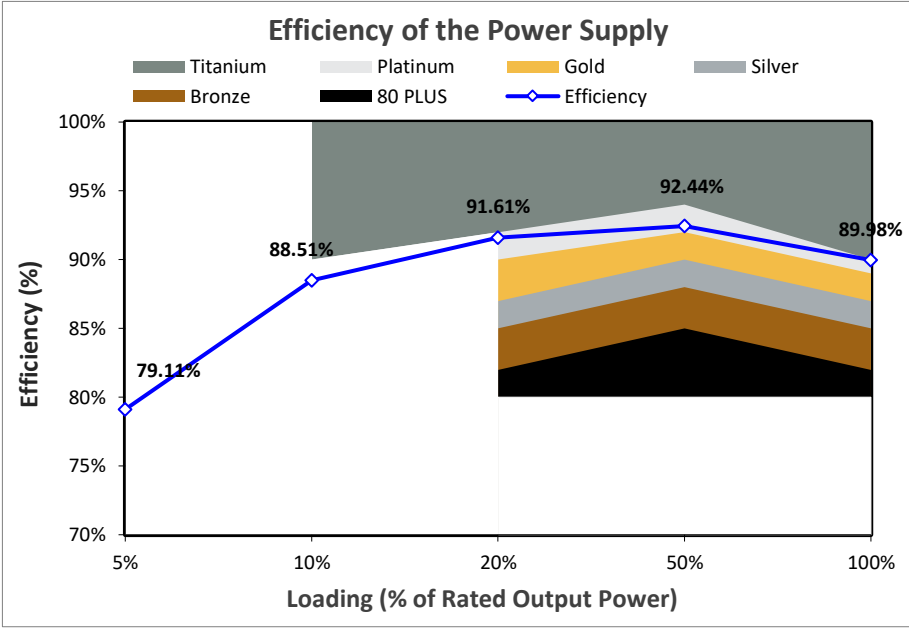
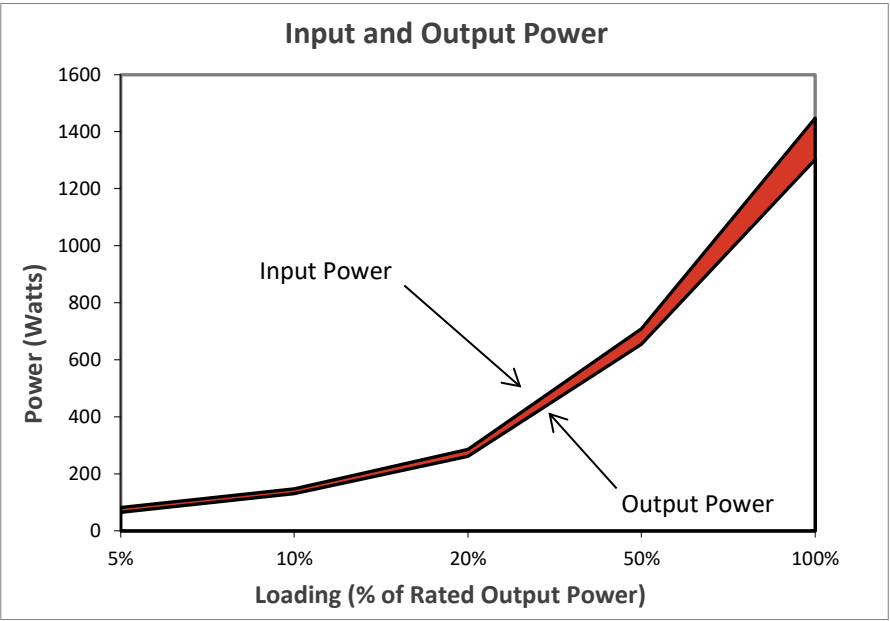
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		15-8	Amps
Input Frequency		50-60	Hz
Rated Output Power		1300	Watts

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



Input AC Current Waveform (ITHD = 6.18%, 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		
0.206	0.6081	21.31	0%	14.44	No-Load						
0.744	0.9556	17.15	5%	81.73	11.95/4.88	12.17/0.02	3.32/0.65	5.06/0.65	5.06/0.14	64.66	79.11%
1.313	0.9792	13.78	10%	147.92	12.06/9.78	12.16/0.06	3.32/1.3	5.05/1.3	5.05/0.27	130.93	88.51%
2.501	0.9925	7.27	20%	285.59	12.05/19.59	12.17/0.09	3.32/2.61	5.05/2.6	5.04/0.54	261.64	91.61%
6.173	0.9966	6.18	50%	707.71	12.05/49	12.21/0.23	3.32/6.51	5.05/6.46	5/1.35	654.21	92.44%
12.611	0.9979	5.70	100%	1447.56	12.03/97.72	12.28/0.45	3.32/13	5.05/12.91	4.92/2.71	1302.51	89.98%



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/>