80 PLUS Verification and Testing Report

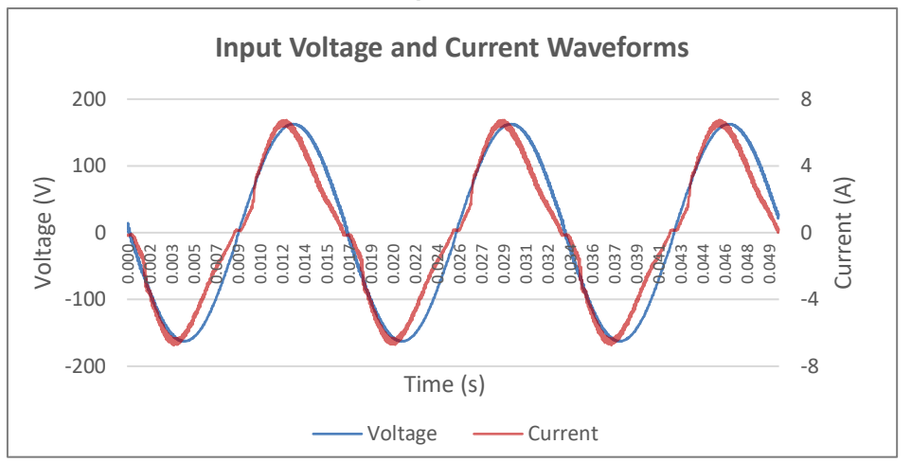
TYPICAL EFFICIENCY (50% Load):	**91.15%**
AVERAGE EFFICIENCY :	**87.24%**
80 PLUS COMPLIANT:	**Gold**



ID Number	7158
Manufacturer	Guangzhou Henew Technology Development Co., Ltd.
Model Number	PB950WAC
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	9/21/23

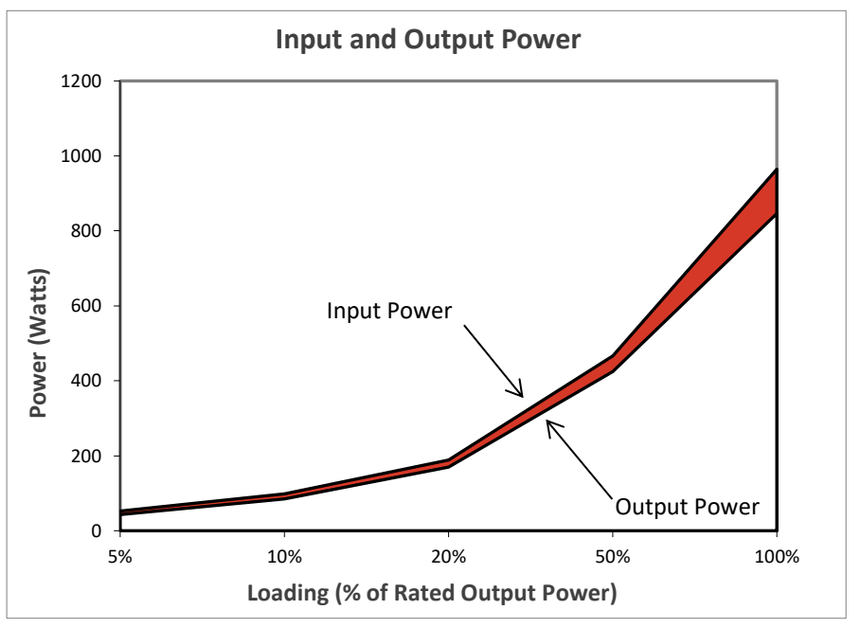
Rated Specifications	Value	Units
Input Voltage	100-240	**Volts**
Input Current	12	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	850	**Watts**

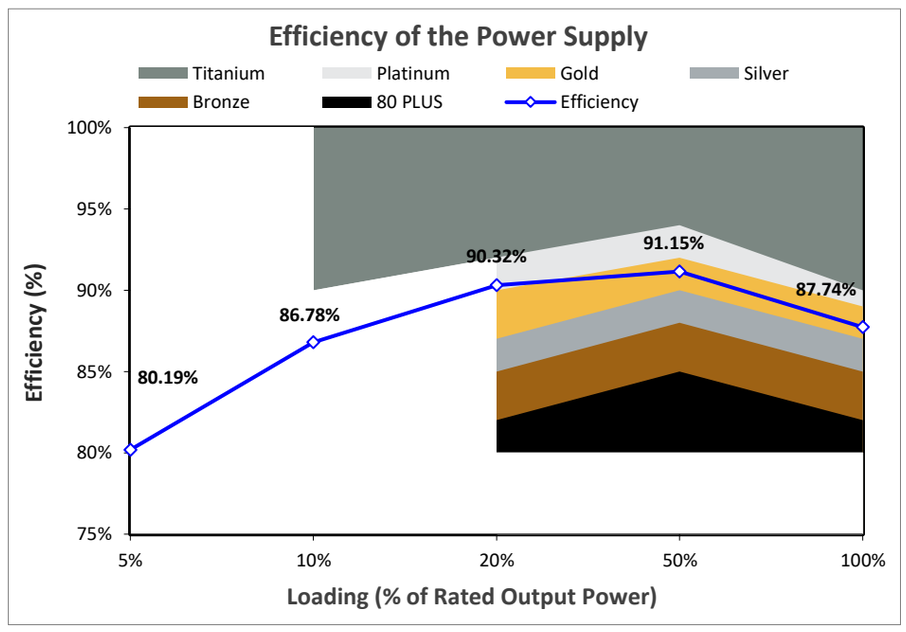
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 16.05%, 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		
0.212	0.7276	20.73	0%	17.75	No-Load						
0.493	**0.9351**	15.31	5%	53.06	12.01/3.1	11.9/0.013	3.27/0.56	5.02/0.56	5.09/0.111	42.55	**80.19%**
0.883	**0.9663**	14.45	10%	98.11	12.02/6.19	11.88/0.027	3.27/1.12	5.02/1.12	5.08/0.221	85.15	**86.78%**
1.675	**0.9774**	16.01	20%	188.37	12.01/12.39	11.69/0.053	3.27/2.24	5.02/2.24	5.07/0.442	170.14	**90.32%**
4.148	**0.9770**	16.05	50%	465.87	11.99/30.96	11.54/0.133	3.26/5.6	5.02/5.59	5.02/1.106	424.64	**91.15%**
8.528	**0.9836**	13.08	100%	964.47	11.95/61.91	11.89/0.265	3.26/11.19	5.02/11.19	4.95/2.21	846.22	**87.74%**





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/*