

80 PLUS Verification and Testing Report

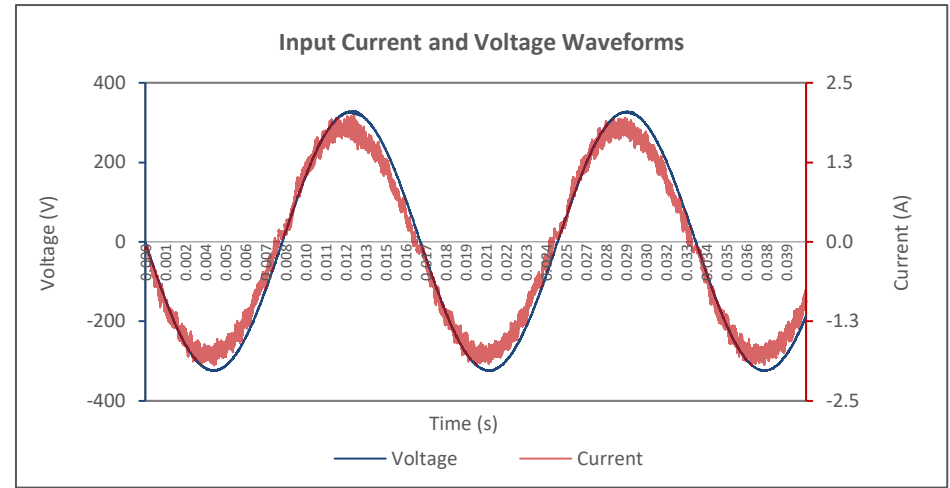
TYPICAL EFFICIENCY (50% Load):	94.17%
AVERAGE EFFICIENCY :	89.43%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-2653
Manufacturer	Delta Electronics, Inc.
Model Number	DPS-550AB-56 C
Serial Number	LLBT2437000142
Type	1U
Test Date	03/19/25

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	7.5/3.9	Amps
Input Frequency	47-63	Hz
Rated Output Power	550	Watts

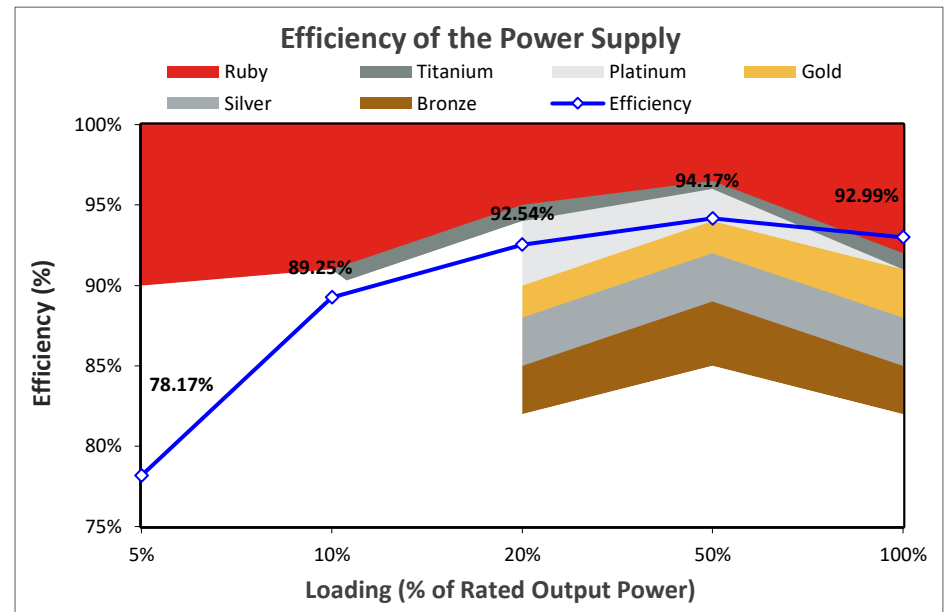
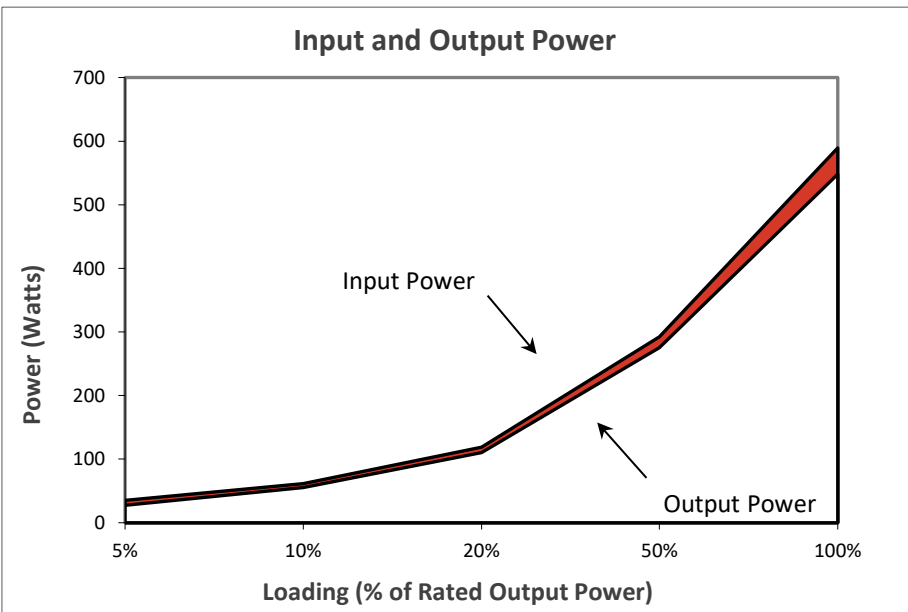
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4.06%, 50% Load)

I _{RMS}	PF	I _{THD} (%)	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
							12V	12Vsb		
0.096	0.1160	15.577	0%	No-Load	2.78	2.76	No-Load			
0.197	0.7834	19.477	5%	Minimum	35.50	2.80	12.105/2.151	12.083/0.142	27.75	78.17%
0.293	0.9174	11.259	10%	Low	61.86	2.76	12.006/4.316	12.063/0.282	55.21	89.25%
0.531	0.9750	5.655	20%	Light	118.99	2.78	12.006/8.606	12.042/0.564	110.11	92.54%
1.278	0.9934	4.060	50%	Typical	292.02	2.75	12.004/21.499	12.013/1.409	275.00	94.17%
2.570	0.9972	3.904	100%	Full	589.34	4.92	11.969/43.009	11.823/2.815	548.03	92.99%

* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.01Vdc



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.
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