

80 PLUS Verification and Testing Report

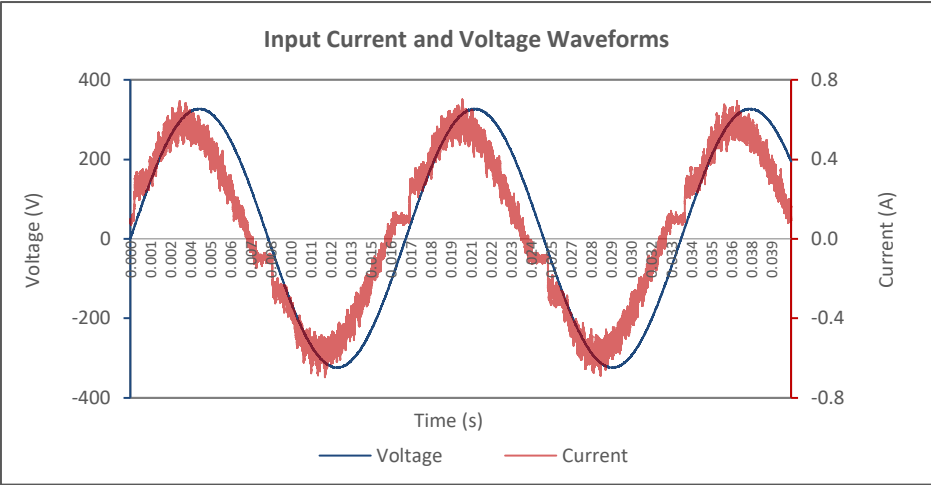
TYPICAL EFFICIENCY (50% Load):	89.85%
AVERAGE EFFICIENCY :	80.29%
80 PLUS COMPLIANT:	Silver



ID Number	SO-2688
Manufacturer	Delta Electronics, Inc.
Model Number	DPS-150AB-23 A
Serial Number	001P2425D-T1902
Type	1U
Test Date	04/30/25

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4-2	Amps
Input Frequency	50-60	Hz
Rated Output Power	150	Watts

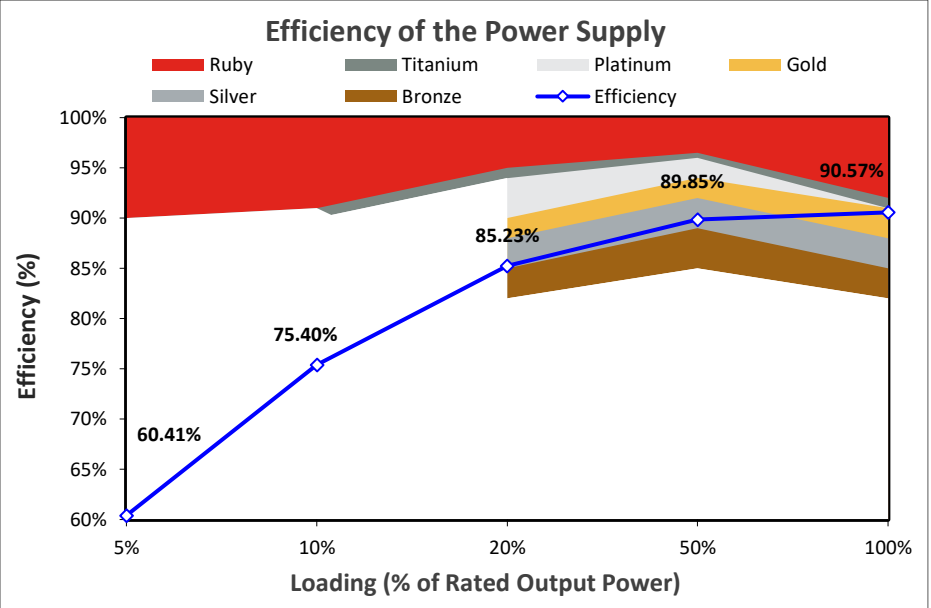
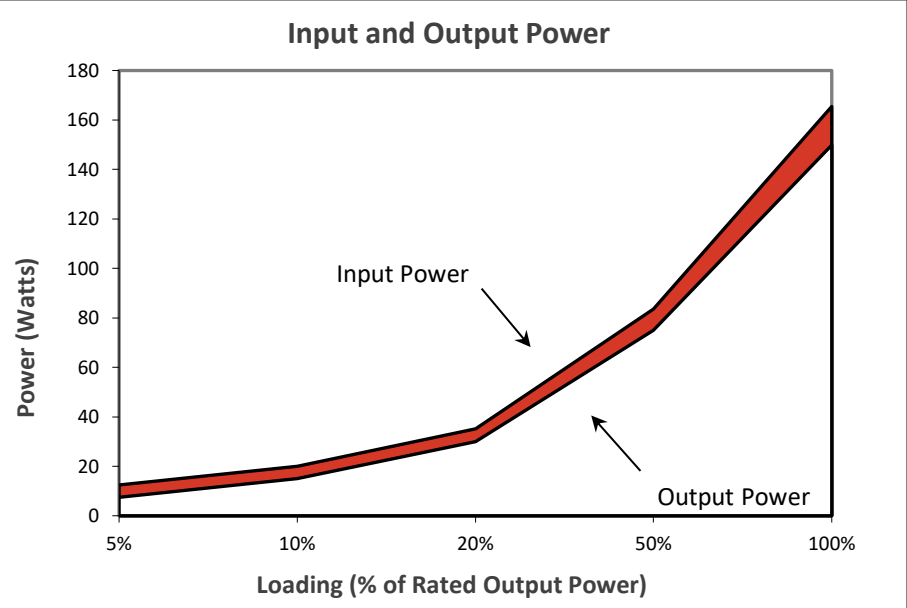
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 9.75%, 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		
0.103	0.2073	26.641	0%	No-Load	4.98	0.57	No-Load			
0.120	0.4482	41.406	5%	Minimum	12.36	0.57	12.012/0.575	12.101/0.046	7.47	60.41%
0.132	0.6555	43.057	10%	Low	19.90	0.57	12.011/1.155	12.081/0.094	15.01	75.40%
0.178	0.8569	37.247	20%	Light	35.17	0.57	12.000/2.311	12.059/0.186	29.97	85.23%
0.389	0.9336	9.748	50%	Typical	83.53	0.57	11.996/5.793	12.012/0.463	75.05	89.85%
0.741	0.9702	7.920	100%	Full	165.45	2.46	11.990/11.575	11.947/0.925	149.84	90.57%

* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.02Vdc



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.
<https://www.cleareresult.com/80plus/> [cleareresult.com]