

80 PLUS Verification and Testing Report

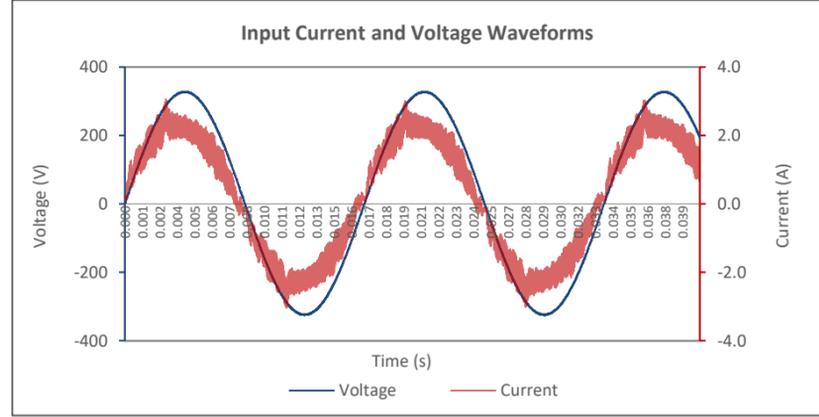
TYPICAL EFFICIENCY (50% Load):	94.94%
AVERAGE EFFICIENCY :	90.32%
80 PLUS COMPLIANT:	Platinum



ID Number	SO-2568
Manufacturer	Delta Electronics, Inc.
Model Number	DPS-715FB A
Serial Number	2329D-T7032
Type	1U
Test Date	12/12/24

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8.5-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	715	Watts

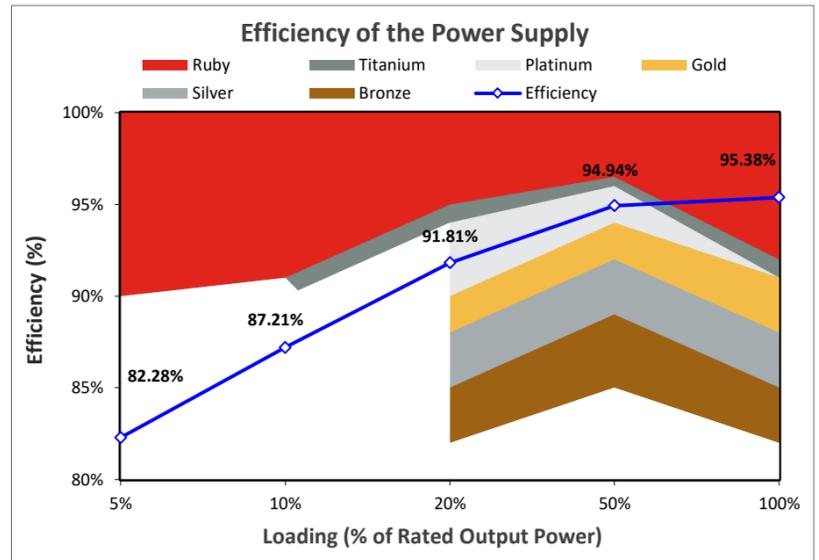
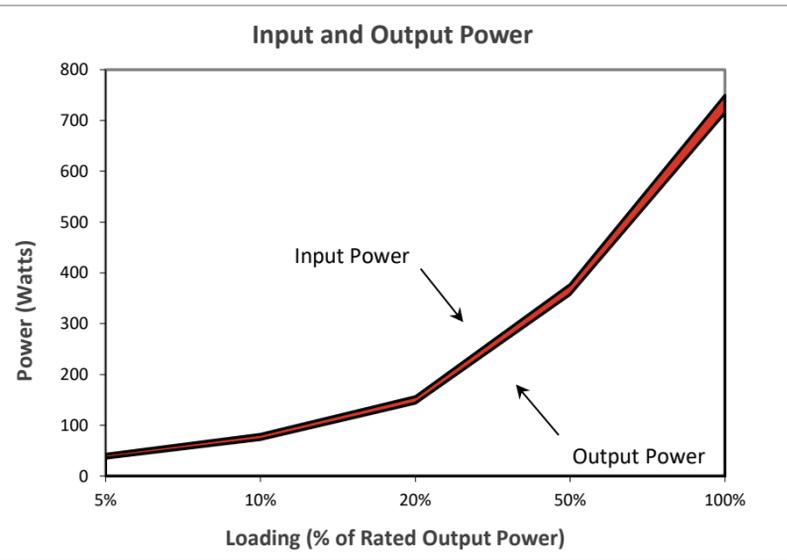
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 6.58%, 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
							54V			
0.132	0.1008	15.645	0%	No-Load	3.07	0.68	No-Load			
0.270	0.6912	26.418	5%	Minimum	43.00	0.68	54.022/0.655		35.38	82.28%
0.444	0.8038	15.343	10%	Low	82.17	0.68	54.029/1.326		71.66	87.21%
0.743	0.9151	8.447	20%	Light	156.39	0.68	54.007/2.659		143.58	91.81%
1.680	0.9746	6.577	50%	Typical	376.79	0.66	54.000/6.624		357.70	94.94%
3.304	0.9859	7.527	100%	Full	749.53	0.87	53.970/13.246		714.87	95.38%

* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.03Vdc



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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