

# 80 PLUS Verification and Testing Report

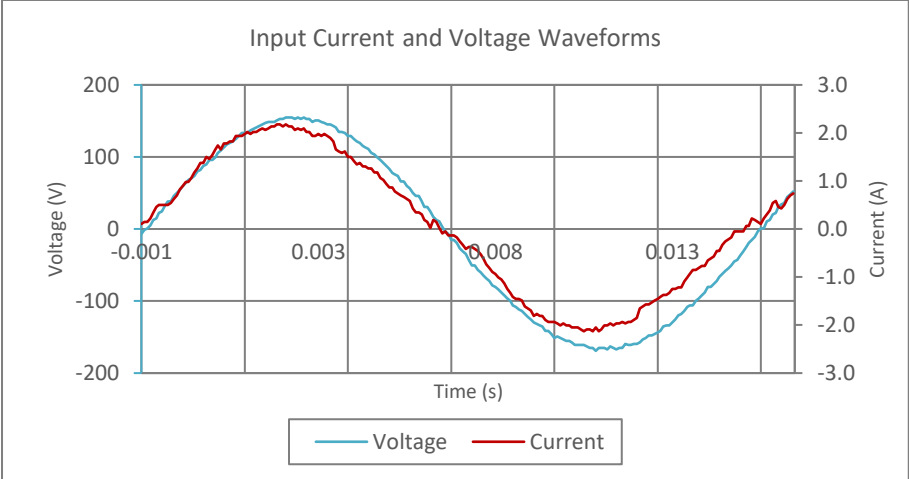
TYPICAL EFFICIENCY (50% Load):	92.57%
AVERAGE EFFICIENCY :	91.34%
80 PLUS COMPLIANT:	YES



ID Number	5819.1
Manufacturer	Daten Technologia, Ltd.
Model Number	DTS300PBR
Serial Number	N/A
Year	2019
Type	TFX
Test Date	12/12/19

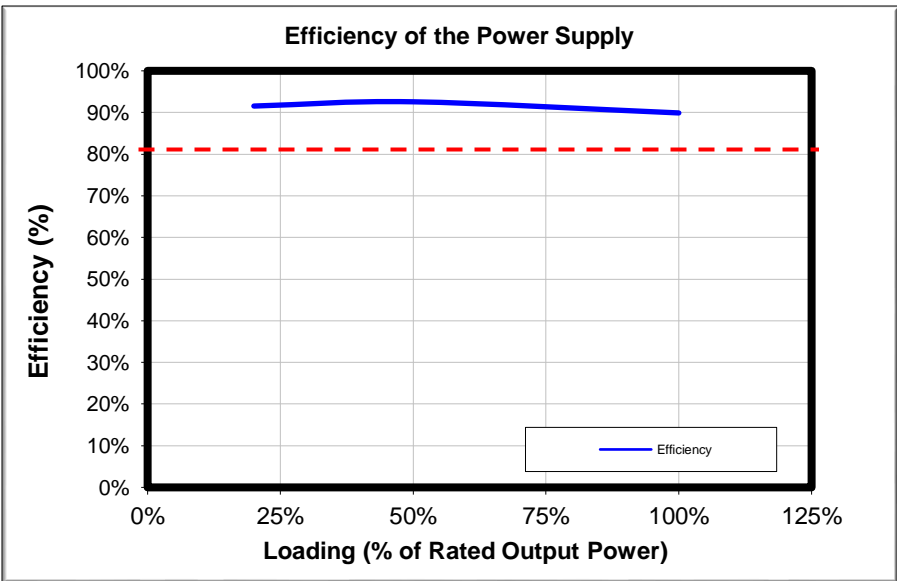
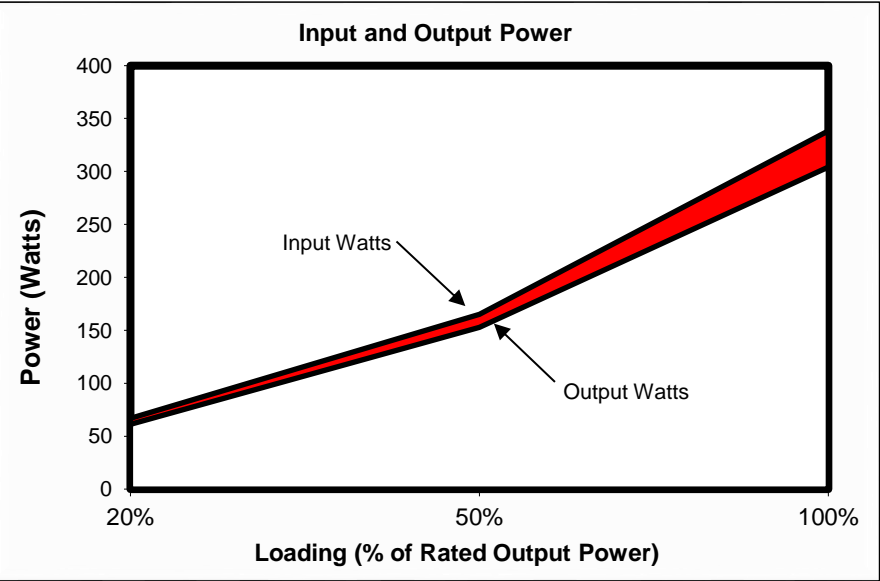
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4	Amps
Input Frequency	60/50	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 7.63%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V		
0.32	0.94	10.58%	10%	34.92	12.28/1.83	12.17/0.02	3.38/0.8	5.03/0.8	30.59	87.59%
0.59	0.98	9.04%	20%	66.84	12.27/3.68	12.1/0.04	3.38/1.59	5.02/1.59	61.19	91.55%
1.45	0.99	7.63%	50%	165.13	12.23/9.23	12.05/0.11	3.37/3.98	5/3.95	152.86	92.57%
2.97	0.99	7.88%	100%	338.40	12.19/18.43	12.1/0.22	3.35/7.97	4.97/7.89	304.20	89.89%



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/>