

## 80 PLUS Verification and Testing Report

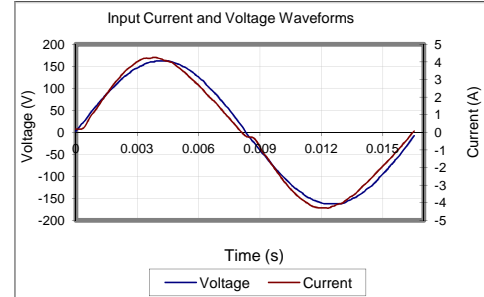
TYPICAL EFFICIENCY (50% Load):	90.11%
AVERAGE EFFICIENCY :	89.04%
80 PLUS COMPLIANT:	YES



Ecos ID #	2105.2
Manufacturer	DATEN TECNOLOGIA LTDA
Model Number	DAF300GBR
Serial Number	S0171000010
Year	2010
Type	ATX12V
Test Date	6/10/2010

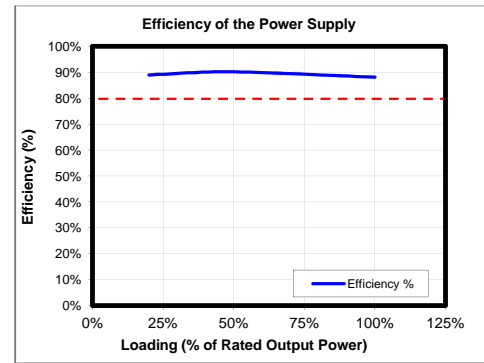
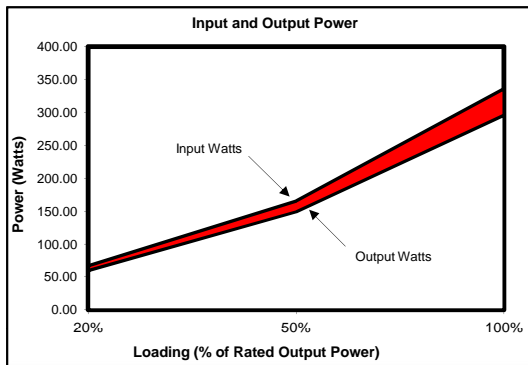
Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	4/2	Amps
Input Frequency	60/50	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 10.55%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V*	5VSB		
0.60	0.98	15.30%	20%	Light	67.18	11.8/3.7	11.2/0	3.4/1.6	5.1/1.6	5.1/0.4	59.75	88.94%
1.45	0.99	10.55%	50%	Typical	165.51	11.8/9.2	11.1/0.1	3.4/4	5.1/4	5.1/1.1	149.14	90.11%
2.94	0.99	8.03%	100%	Full	336.40	11.8/18.4	11/0.2	3.3/7.9	5/7.9	5/2.2	296.28	88.07%



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/>

