

# 80 PLUS Verification and Testing Report

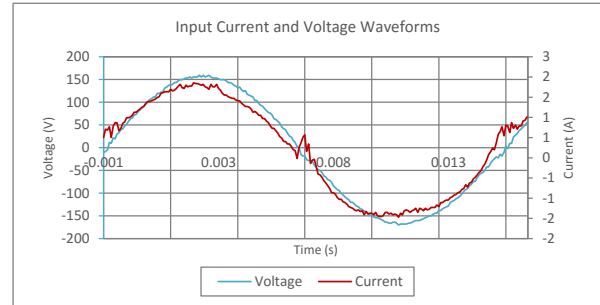
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.43%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>88.74%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5218
<b>Manufacturer</b>	Daton Tecnologia Ltda
<b>Model Number</b>	DTD240GBR v2
<b>Serial Number</b>	XXXD1751000010
<b>Year</b>	2017
<b>Type</b>	TFX
<b>Test Date</b>	1/12/18

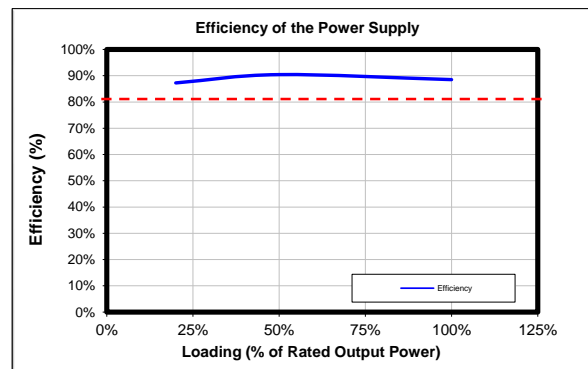
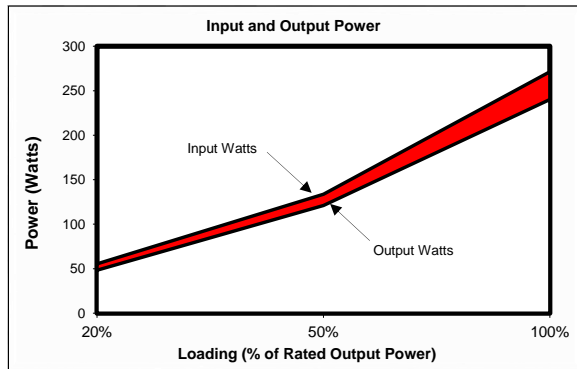
<b>Rated Specifications</b>	<b>Value</b>	<b>Units</b>
Input Voltage	100-240	Volts
Input Current	4.4	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>240</b>	<b>Watts</b>

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



Input AC Current Waveform (I<sub>THD</sub> = 6.92%, 50% Load)

<b>I<sub>RMS</sub></b>	<b>PF</b>	<b>I<sub>THD</sub></b>	<b>Load</b>	<b>Input Watts</b>	<b>DC Terminal Voltage (V)/ DC Load Current (A)</b>					<b>Output Watts</b>	<b>Efficiency</b>
					<b>12V (cumulative of 12V1, 12V2, etc.)</b>	<b>-12V</b>	<b>3.3V</b>	<b>5V</b>	<b>5Vsb</b>		
0.34	0.76	18.24%	10%	29.90	12.08/1.64	11.66/0.02	3.37/0.43	5.02/0.43	5.02/0.1	24.16	80.79%
0.55	0.88	17.52%	20%	55.41	12.07/3.29	11.69/0.03	3.37/0.87	5.01/0.87	5.02/0.21	48.35	87.26%
1.20	0.97	6.92%	50%	133.79	12.04/8.26	11.68/0.08	3.36/2.16	5/2.15	5.01/0.51	120.99	90.43%
2.39	0.99	5.03%	100%	271.30	11.97/16.48	11.87/0.15	3.34/4.33	4.98/4.29	4.98/1.03	240.15	88.52%



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/>

