

# 80 PLUS Verification and Testing Report

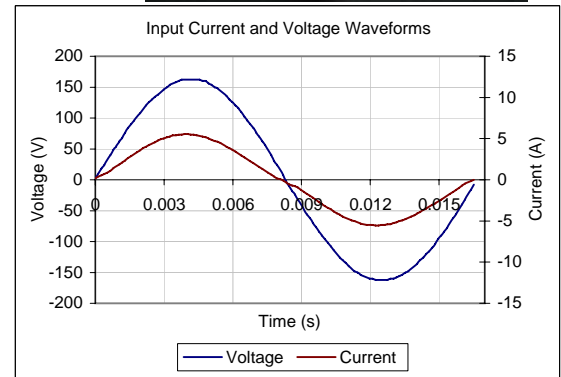
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.41%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>81.69%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	300
<b>Manufacturer</b>	DELTA
<b>Model Number</b>	GPS-350GBA
<b>Serial Number</b>	BDID0705000043
<b>Year</b>	2007
<b>Type</b>	SFX12V
<b>Test Date</b>	7/11/2007

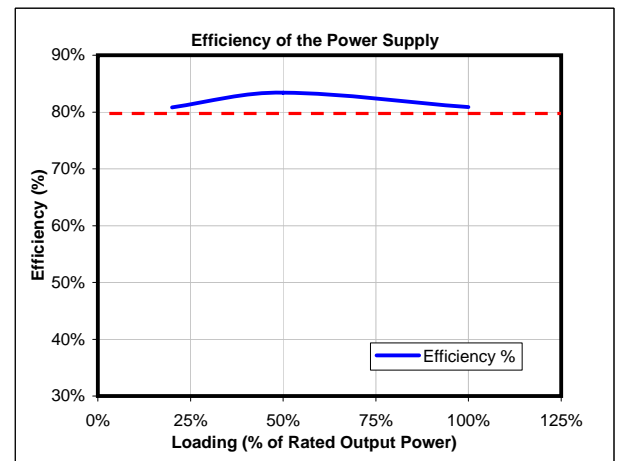
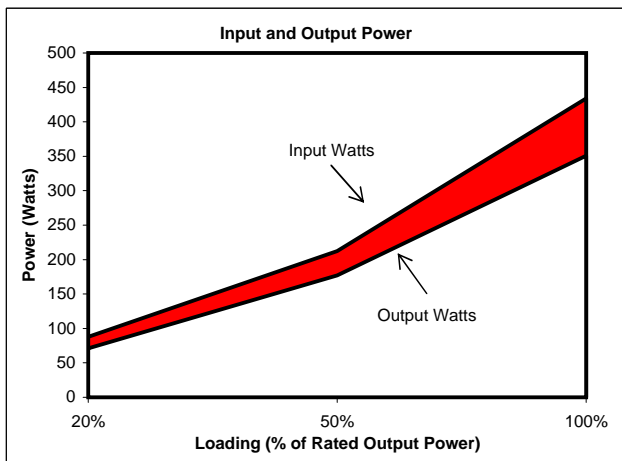
Rated Specifications	Value	Units
Input Voltage	100-127	Volts
Input Current	6	Amps
Input Frequency	60	Hz
<b>Rated Output Power</b>	<b>350</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 6.47%, 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		
0.77	0.99	4.0%	20%	Light	88	12.2/3.7	12.1/0.1	3.3/2.6	5.1/2.6	5/0.5	71	80.80%
1.85	1.00	6.5%	50%	Typical	212	12.2/9.4	12.2/0.1	3.3/6.6	5/6.6	5/1.2	177	83.41%
3.78	1.00	6.6%	100%	Full	434	12.2/18.7	12.4/0.3	3.2/13.2	4.9/13.3	4.9/2.5	351	80.87%



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/>

