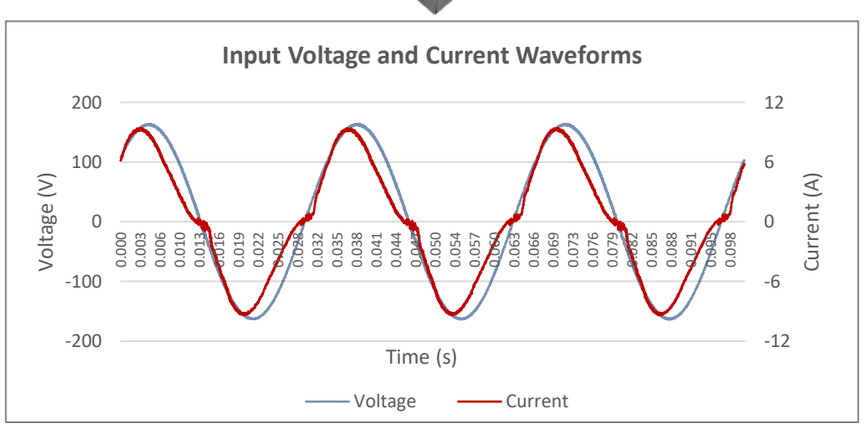
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**92.11%**
AVERAGE EFFICIENCY :	**84.09%**
AVERAGE STANDBY EFFICIENCY :	**76.51%**
80 PLUS COMPLIANT:	**Gold**



ID Number	7982.2
Manufacturer	Acer Inc.
Model Number	AC1200
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX12V
Test Date	9/30/25



Input AC Current Waveform (ITHD = 17.49%, 50% Load)

Rated	**Value**	**Units**
Input Voltage	100-240	**Volts**
Input Current	14-7	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	1200	**Watts**

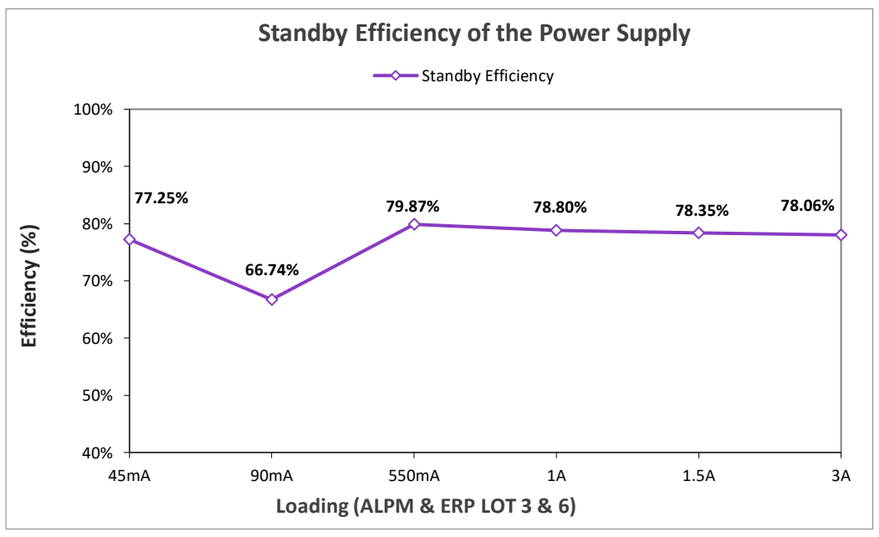
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.

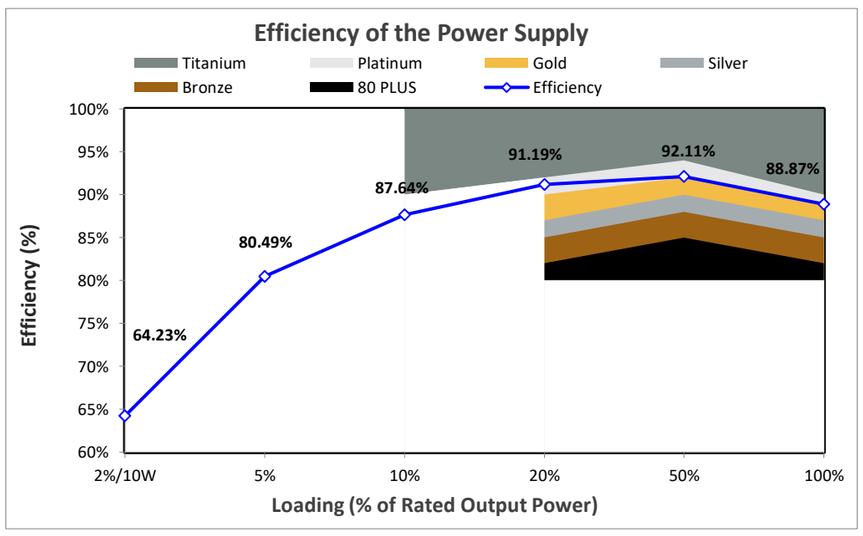
$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.245	0.4275	68.73	0%	**12.12**	**No-Load**						
0.405	**0.8060**	30.59	2%/10W	**37.55**	12.052/1.794	11.732/0.005	3.330/0.259	5.043/0.259	5.169/0.054	**24.12**	**64.23%**
0.702	**0.9278**	21.77	5%	**74.91**	12.051/4.483	11.654/0.013	3.330/0.648	5.044/0.648	5.167/0.135	**60.29**	**80.49%**
1.219	**0.9807**	13.05	10%	**137.55**	12.050/8.963	11.581/0.027	3.332/1.295	5.046/1.296	5.162/0.269	**120.55**	**87.64%**
2.340	**0.9821**	14.94	20%	**264.35**	12.046/17.927	11.539/0.054	3.332/2.591	5.048/2.592	5.155/0.538	**241.06**	**91.19%**
5.840	**0.9733**	17.49	50%	**653.78**	12.035/44.818	11.609/0.135	3.334/6.480	5.054/6.480	5.133/1.345	**602.20**	**92.11%**
12.176	**0.9621**	17.73	100%	**1345.70**	11.925/89.638	11.691/0.269	3.369/12.960	5.130/12.960	5.101/2.689	**1195.98**	**88.87%**

Note: Efficiency data was obtained from Sample 1 (Serial Number: N/A)

$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Standby Efficiency
					5VSB		
0.120	0.0050	54.94	0mA	**0.07**	**Vampire Load**		
0.103	**0.0252**	37.67	45mA	**0.30**	5.163/0.045	**0.23**	**77.25%**
0.110	**0.0548**	48.37	90mA	**0.70**	5.162/0.090	**0.46**	**66.74%**
0.127	**0.2408**	62.25	550mA	**3.54**	5.147/0.550	**2.83**	**79.87%**
0.163	**0.3464**	74.39	1A	**6.52**	5.135/1.000	**5.13**	**78.80%**
0.207	**0.4115**	79.76	1.5A	**9.80**	5.121/1.500	**7.68**	**78.35%**
0.725	**0.2355**	85.84	3A	**19.62**	5.101/3.002	**15.31**	**78.06%**

Note: Standby efficiency data was obtained from Sample 2 (Serial Number: N/A)





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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