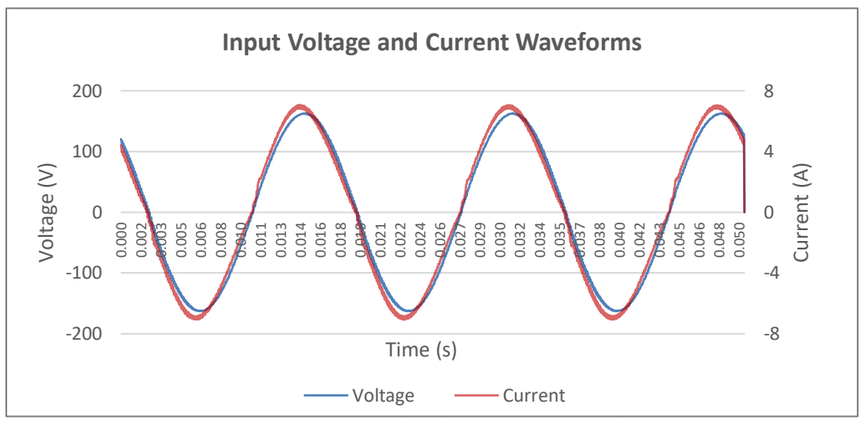
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**92.21%**
AVERAGE EFFICIENCY :	**87.19%**
AVERAGE STANDBY EFFICIENCY :	**74.91%**
80 PLUS COMPLIANT:	**Gold**



ID Number	7704.2
Manufacturer	ADATA
Model Number	CORESHIFTIIVE1000G
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX12V,EPS12V
Test Date	1/8/25



Input AC Current Waveform (ITHD = 3.83%, 50% Load)

Rated	Value	Units
Input Voltage	100-240	**Volts**
Input Current	15-8	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	1000	**Watts**

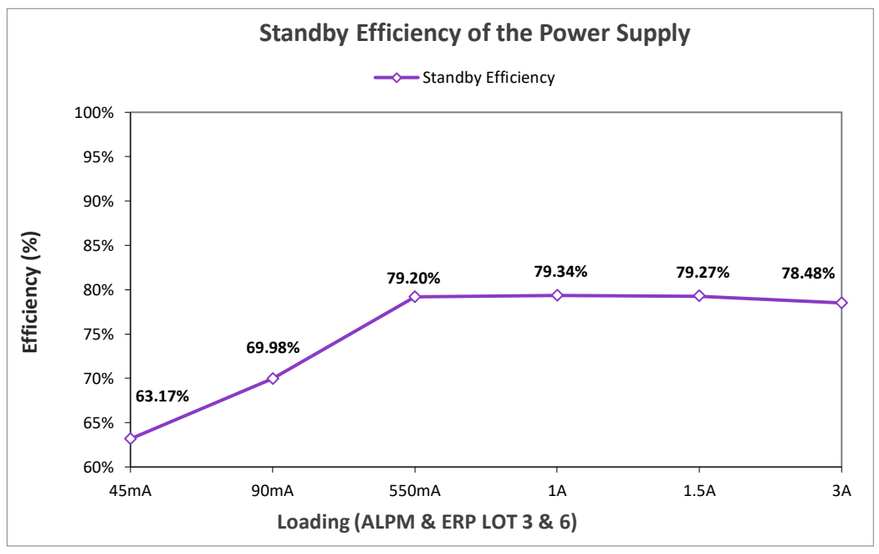
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.

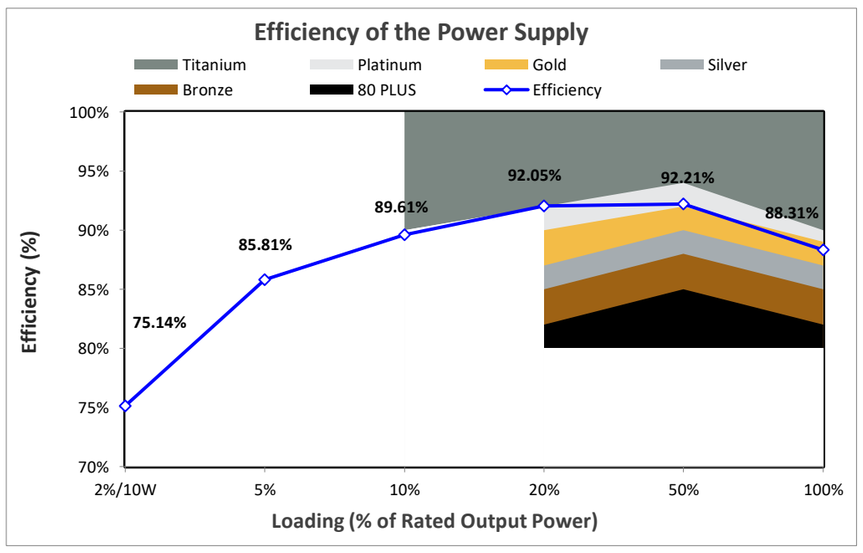
$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.132	0.3705	30.49	0%	**5.62**	**No-Load**						
0.281	**0.8346**	19.48	2%/10W	**26.97**	12.150/1.490	12.623/0.007	3.349/0.215	5.071/0.215	5.082/0.054	**20.27**	**75.14%**
0.551	**0.9314**	20.33	5%	**59.03**	12.148/3.723	12.602/0.018	3.349/0.538	5.069/0.538	5.079/0.134	**50.65**	**85.81%**
1.010	**0.9730**	11.49	10%	**113.03**	12.147/7.445	12.561/0.036	3.347/1.077	5.068/1.076	5.075/0.268	**101.29**	**89.61%**
1.937	**0.9867**	7.17	20%	**219.91**	12.140/14.887	12.481/0.071	3.339/2.153	5.061/2.152	5.064/0.536	**202.43**	**92.05%**
4.787	**0.9953**	3.83	50%	**547.94**	12.126/37.213	12.286/0.179	3.315/5.382	5.043/5.381	5.032/1.340	**505.24**	**92.21%**
9.958	**0.9963**	5.63	100%	**1140.94**	12.102/74.420	11.942/0.357	3.271/10.763	5.006/10.762	4.971/2.680	**1007.57**	**88.31%**

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		
0.085	0.0068	2.04	0mA	**0.07**	**Vampire Load**		
0.085	**0.0369**	10.70	45mA	**0.36**	5.086/0.045	**0.23**	**63.17%**
0.087	**0.0657**	17.78	90mA	**0.65**	5.086/0.090	**0.46**	**69.98%**
0.112	**0.2745**	58.99	550mA	**3.53**	5.080/0.550	**2.79**	**79.20%**
0.148	**0.3747**	73.02	1A	**6.40**	5.074/1.000	**5.08**	**79.34%**
0.192	**0.4296**	78.70	1.5A	**9.59**	5.068/1.500	**7.60**	**79.27%**
0.333	**0.4915**	83.14	3A	**19.31**	5.048/3.003	**15.16**	**78.48%**

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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