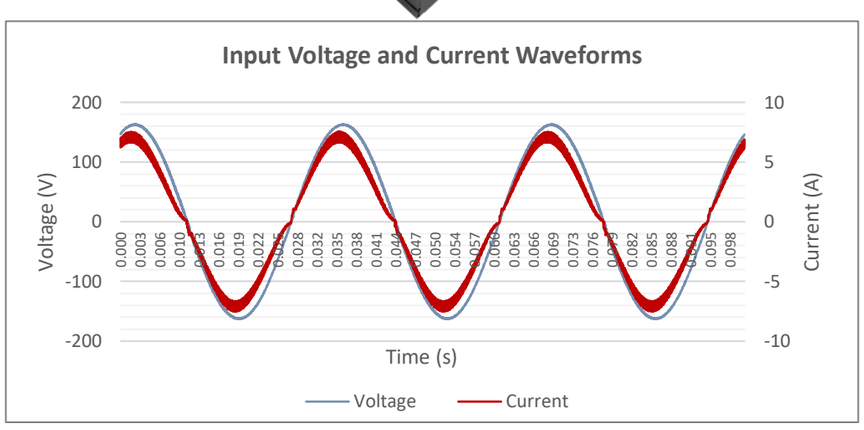
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**92.83%**
AVERAGE EFFICIENCY :	**87.38%**
AVERAGE STANDBY EFFICIENCY :	**74.64%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	8142
Manufacturer	ADATA
Model Number	PYMCORE1000PLATINUM
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX12V,EPS12V
Test Date	3/20/26



Input AC Current Waveform (ITHD = 6.74%, 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**

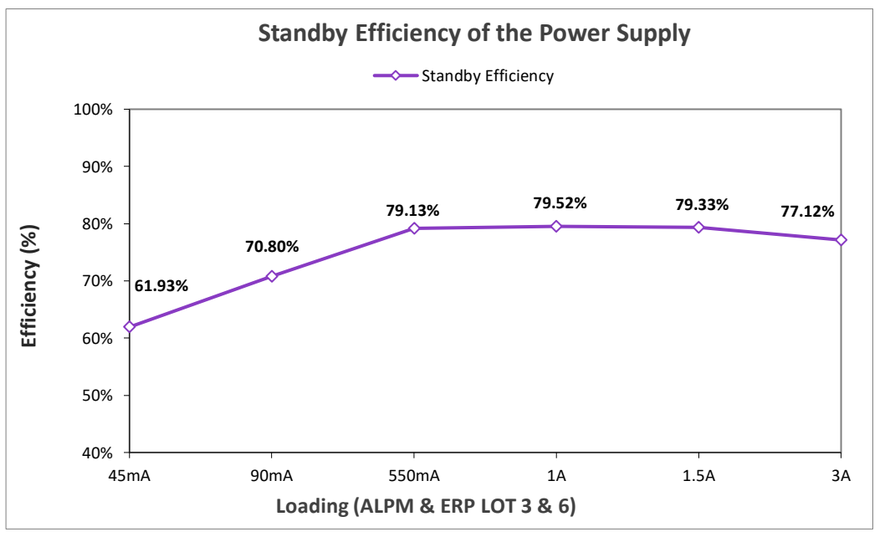
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.

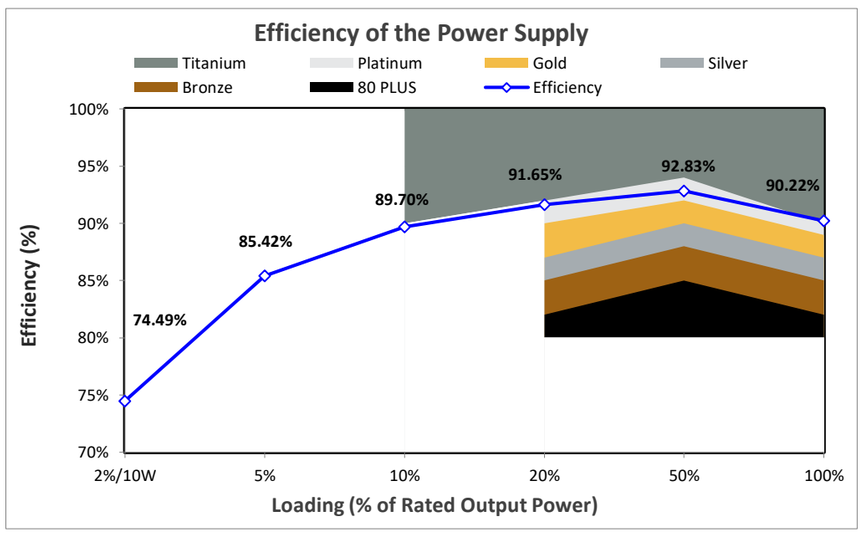
$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.144	0.3268	27.02	0%	**5.42**	**No-Load**						
0.300	**0.7848**	18.37	2%/10W	**27.08**	12.104/1.490	12.103/0.007	3.308/0.215	5.020/0.215	5.096/0.054	**20.17**	**74.49%**
0.562	**0.9140**	14.09	5%	**59.03**	12.103/3.723	12.136/0.018	3.308/0.538	5.021/0.538	5.096/0.134	**50.42**	**85.42%**
1.010	**0.9676**	6.18	10%	**112.41**	12.102/7.444	12.139/0.036	3.310/1.074	5.022/1.074	5.095/0.268	**100.82**	**89.70%**
1.948	**0.9819**	7.12	20%	**220.02**	12.101/14.886	12.138/0.071	3.313/2.151	5.022/2.150	5.087/0.536	**201.64**	**91.65%**
4.755	**0.9928**	6.74	50%	**542.96**	12.102/37.210	12.110/0.179	3.318/5.379	5.024/5.379	5.053/1.340	**504.04**	**92.83%**
9.768	**0.9939**	7.68	100%	**1116.88**	12.096/74.417	12.122/0.357	3.330/10.759	5.028/10.760	5.010/2.680	**1007.68**	**90.22%**

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		
0.101	0.0065	3.20	0mA	**0.08**	**Vampire Load**		
0.105	**0.0308**	12.71	45mA	**0.37**	5.116/0.045	**0.23**	**61.93%**
0.113	**0.0502**	15.81	90mA	**0.65**	5.116/0.090	**0.46**	**70.80%**
0.137	**0.2259**	51.47	550mA	**3.55**	5.111/0.550	**2.81**	**79.13%**
0.167	**0.3340**	66.92	1A	**6.42**	5.106/1.000	**5.11**	**79.52%**
0.212	**0.3945**	74.94	1.5A	**9.64**	5.099/1.500	**7.65**	**79.33%**
0.379	**0.4536**	81.58	3A	**19.76**	5.080/3.001	**15.24**	**77.12%**

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.
https://www.clearesult.com/80plus/ [clearesult.com]