80 PLUS Verification and Testing Report

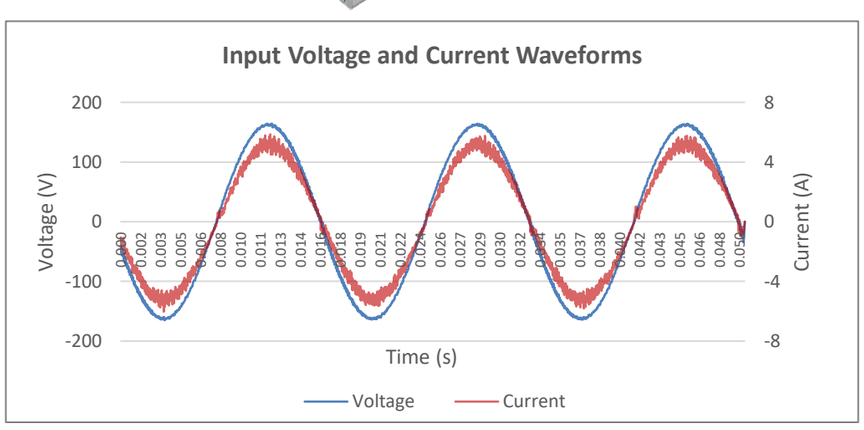
TYPICAL EFFICIENCY (50% Load):	**93.26%**
AVERAGE EFFICIENCY :	**88.45%**
AVERAGE STANDBY EFFICIENCY :	**61.30%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	7835
Manufacturer	HP, Inc.
Model Number	DPS-775AB-2
Sample 1 S/N:	000187
Sample 2 S/N:	000189
Type	CUSTOM
Test Date	5/19/25

Rated	Value	Units
Input Voltage	100-127/200-240	**Volts**
Input Current	10/5	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	775	**Watts**

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



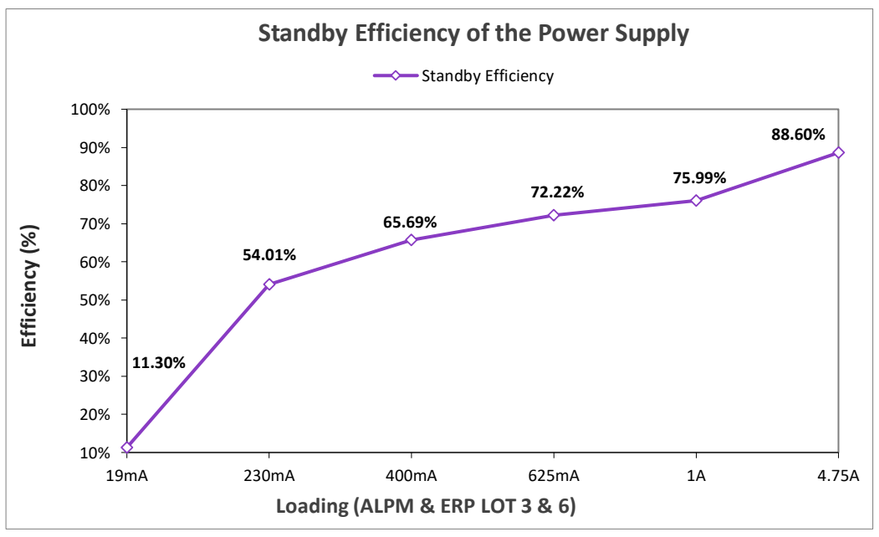
Input AC Current Waveform (ITHD = 2.31%, 50% Load)

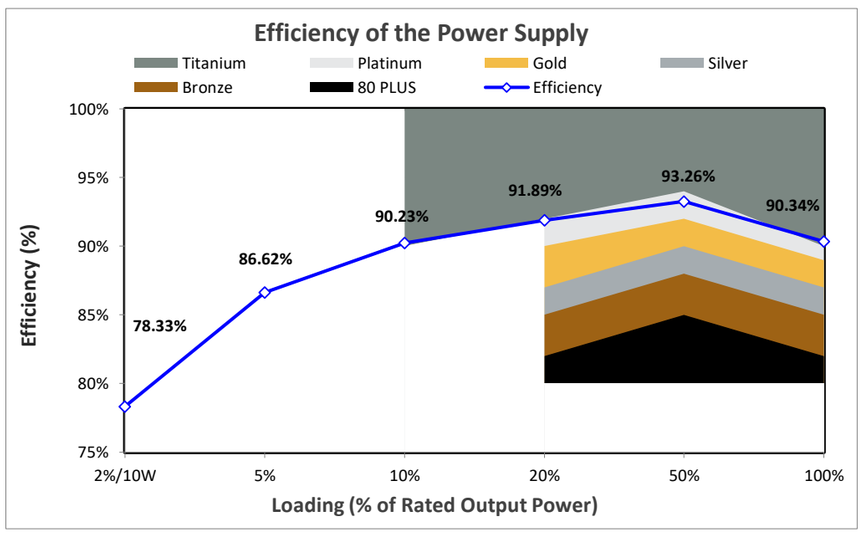
$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	12VSB		
0.114	0.0533	2.86	0%	**0.90**	**No-Load**						
0.250	**0.6972**	14.30	2%/10W	**20.02**	12.141/1.205	12.148/0.089				**15.69**	**78.33%**
0.438	**0.8990**	7.06	5%	**45.26**	12.139/3.009	12.128/0.221				**39.20**	**86.62%**
0.780	**0.9690**	4.23	10%	**86.89**	12.138/6.018	12.125/0.443				**78.40**	**90.23%**
1.495	**0.9912**	3.29	20%	**170.53**	12.133/12.032	12.118/0.885				**156.70**	**91.89%**
3.656	**0.9977**	2.31	50%	**419.58**	12.120/30.081	12.097/2.211				**391.31**	**93.26%**
7.549	**0.9953**	3.67	100%	**864.29**	12.092/60.161	12.058/4.423				**780.83**	**90.34%**

Note: Efficiency data was obtained from Sample 1 (Serial Number: 000187)

$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Standby Efficiency
					12VSB		
0.120	0.0756	2.59	0mA	**1.38**	**Vampire Load**		
0.129	**0.1133**	5.28	19mA	**2.05**	12.151/0.019	**0.23**	**11.30%**
0.163	**0.2724**	7.50	230mA	**5.17**	12.126/0.230	**2.79**	**54.01%**
0.181	**0.3533**	9.29	400mA	**7.39**	12.124/0.400	**4.85**	**65.69%**
0.202	**0.4504**	10.22	625mA	**10.49**	12.121/0.625	**7.58**	**72.22%**
0.240	**0.5768**	11.84	1A	**15.94**	12.116/1.000	**12.11**	**75.99%**
0.608	**0.9253**	5.17	4.75A	**64.72**	12.066/4.753	**57.34**	**88.60%**

Note: Standby efficiency data was obtained from Sample 2 (Serial Number: 000189)





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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