80 PLUS Verification and Testing Report

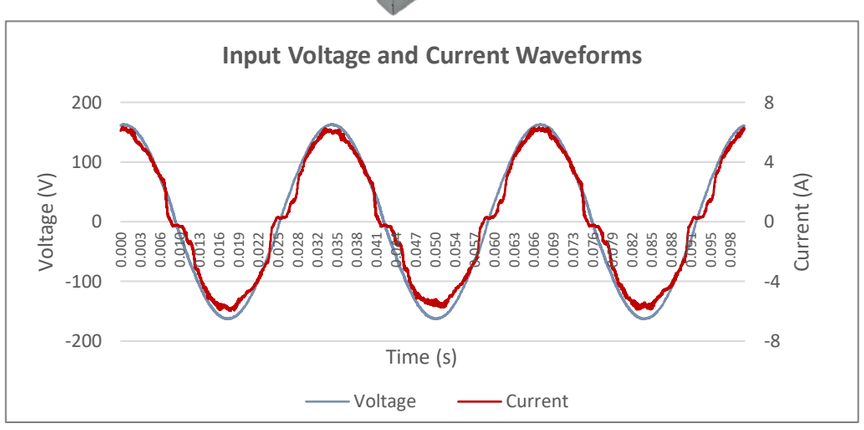
TYPICAL EFFICIENCY (50% Load):	**92.03%**
AVERAGE EFFICIENCY :	**87.73%**
AVERAGE STANDBY EFFICIENCY :	**80.35%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	8204
Manufacturer	Dell
Model Number	D850ED260-00
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	6/18/26

Rated	**Value**	**Units**
Input Voltage	100-240	**Volts**
Input Current	10.5-5.5	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	850	**Watts**

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



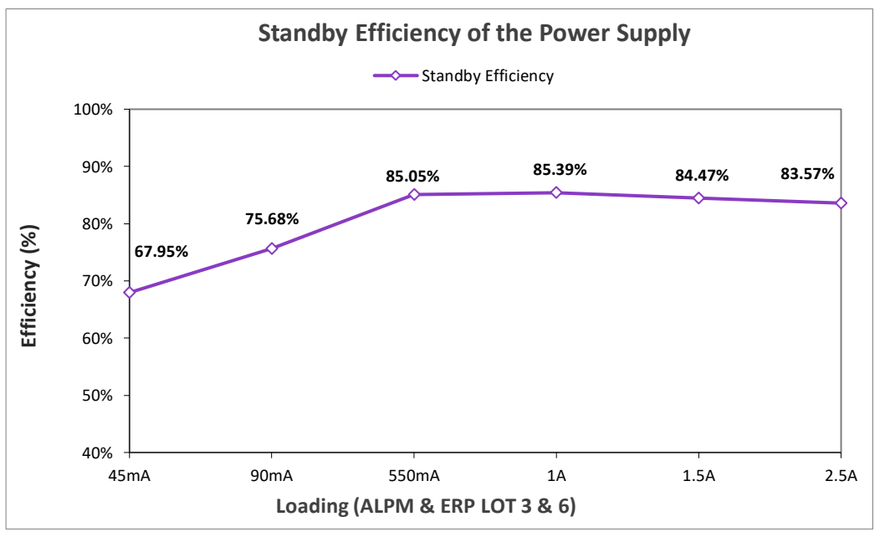
Input AC Current Waveform (ITHD = 11.12%, 50% Load)

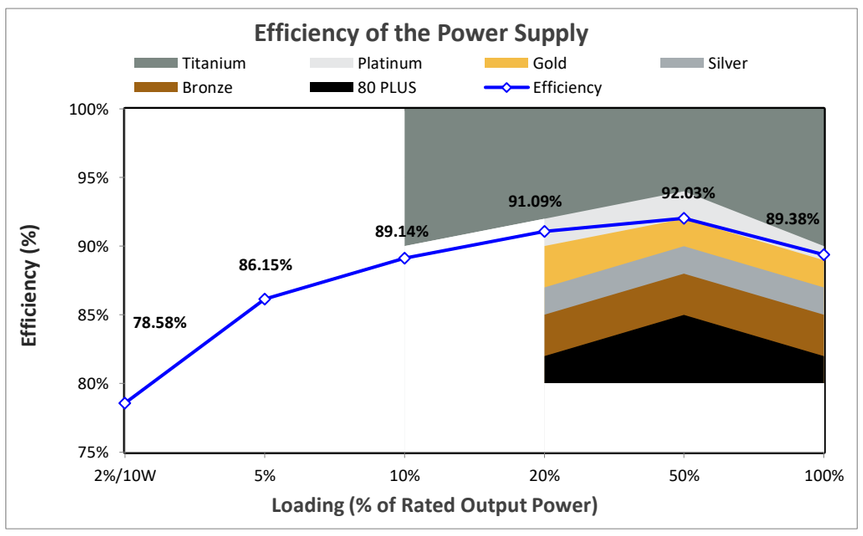
$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.173	0.1440	14.77	0%	**2.86**	**No-Load**						
0.280	**0.6906**	37.36	2%/10W	**22.25**	12.338/1.191	0.000/0.000	3.366/0.302	5.187/0.302	5.125/0.042	**17.49**	**78.58%**
0.493	**0.8946**	30.40	5%	**50.74**	12.339/2.976	0.000/0.000	3.365/0.756	5.186/0.756	5.123/0.105	**43.71**	**86.15%**
0.900	**0.9456**	25.56	10%	**97.91**	12.318/5.951	0.000/0.000	3.365/1.509	5.183/1.510	5.121/0.210	**87.28**	**89.14%**
1.687	**0.9862**	12.52	20%	**191.34**	12.299/11.901	0.000/0.000	3.356/3.021	5.172/3.022	5.113/0.420	**174.28**	**91.09%**
4.133	**0.9915**	11.12	50%	**471.48**	12.240/29.751	0.000/0.000	3.335/7.556	5.185/7.557	5.106/1.050	**433.92**	**92.03%**
8.465	**0.9942**	8.41	100%	**968.12**	12.225/59.499	0.000/0.000	3.319/15.114	5.103/15.115	5.059/2.098	**865.31**	**89.38%**

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		
0.159	0.0040	3.64	0mA	**0.07**	**Vampire Load**		
0.159	**0.0186**	6.28	45mA	**0.34**	5.139/0.045	**0.23**	**67.95%**
0.161	**0.0329**	9.93	90mA	**0.61**	5.138/0.090	**0.46**	**75.68%**
0.176	**0.1635**	34.40	550mA	**3.32**	5.132/0.550	**2.82**	**85.05%**
0.193	**0.2700**	49.84	1A	**6.00**	5.126/1.000	**5.13**	**85.39%**
0.225	**0.3510**	62.28	1.5A	**9.07**	5.104/1.500	**7.66**	**84.47%**
0.301	**0.4417**	71.46	2.5A	**15.28**	5.106/2.501	**12.77**	**83.57%**

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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