80 PLUS Verification and Testing Report

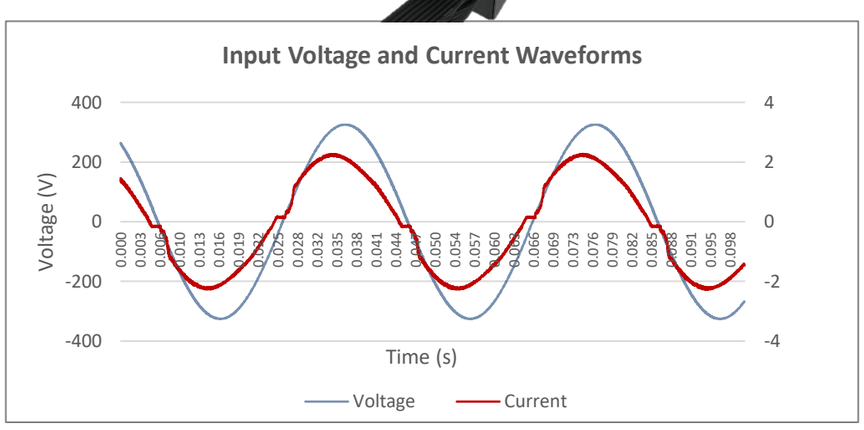
TYPICAL EFFICIENCY (50% Load):	**86.64%**
AVERAGE EFFICIENCY :	**77.55%**
AVERAGE STANDBY EFFICIENCY :	**71.66%**
80 PLUS COMPLIANT:	**Standard**



ID Number	EU-1360
Manufacturer	Shenzhen Wanjinghua Technology Co., Ltd
Model Number	DK-600
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX12V
Test Date	8/19/26

Rated	Value	Units
Input Voltage	200-240	**Volts**
Input Current	6.5	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	600	**Watts**

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



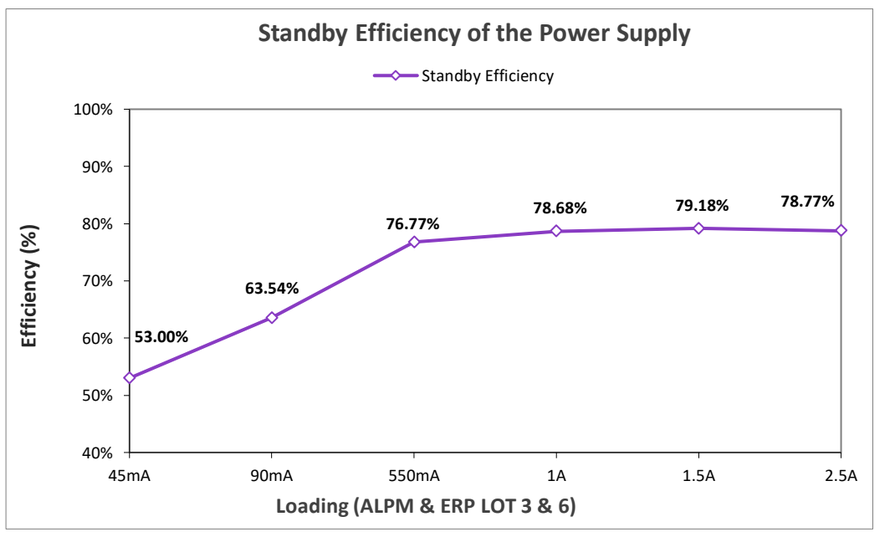
Input AC Current Waveform (ITHD = 8.21%, 50% Load)

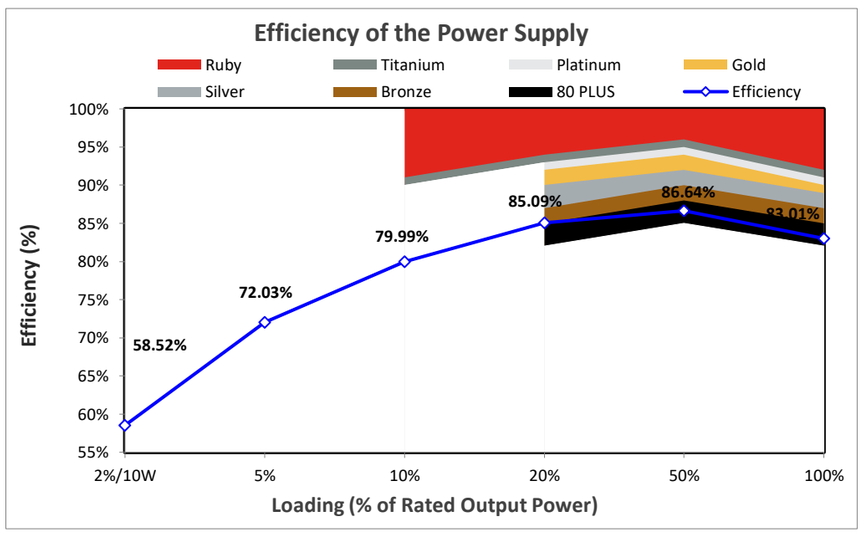
$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.164	0.1471	25.35	0%	**5.57**	**No-Load**						
0.258	**0.3452**	56.50	2%/10W	**20.53**	11.932/0.829	11.782/0.005	3.379/0.246	5.212/0.197	5.184/0.045	**12.01**	**58.52%**
0.362	**0.5464**	64.91	5%	**41.65**	11.918/2.068	11.798/0.014	3.377/0.615	5.210/0.492	5.181/0.112	**30.00**	**72.03%**
0.440	**0.7466**	53.44	10%	**75.53**	12.029/4.134	11.942/0.027	3.374/1.228	5.172/0.984	5.176/0.225	**60.42**	**79.99%**
0.666	**0.9315**	18.34	20%	**142.67**	12.109/8.265	12.069/0.054	3.367/2.458	5.134/1.966	5.165/0.449	**121.39**	**85.09%**
1.559	**0.9755**	8.21	50%	**349.91**	12.115/20.659	12.201/0.135	3.347/6.149	5.073/4.919	5.134/1.123	**303.18**	**86.64%**
3.200	**0.9901**	6.44	100%	**728.60**	12.117/41.312	12.435/0.269	3.312/12.298	4.970/9.840	5.078/2.245	**604.84**	**83.01%**

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		
0.108	0.0059	3.36	0mA	**0.15**	**Vampire Load**		
0.108	**0.0177**	8.13	45mA	**0.44**	5.178/0.045	**0.23**	**53.00%**
0.108	**0.0296**	13.96	90mA	**0.73**	5.177/0.090	**0.47**	**63.54%**
0.118	**0.1357**	40.31	550mA	**3.70**	5.169/0.550	**2.84**	**76.77%**
0.135	**0.2117**	57.01	1A	**6.56**	5.160/1.000	**5.16**	**78.68%**
0.157	**0.2699**	67.78	1.5A	**9.76**	5.150/1.500	**7.73**	**79.18%**
0.209	**0.3381**	78.88	2.5A	**16.28**	5.130/2.500	**12.83**	**78.77%**

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]*