80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	96.44%
AVERAGE EFFICIENCY :	95.46%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2399
Manufacturer	Chicony Power
Model Number	R1K6BA01P
Serial Number	F3B173234500058
Туре	10
Test Date	03/06/24

Rated Specifications	Value	Units				
Input Voltage	100-127/200-240	Volts				
Input Current	13/9.5	Amps				
Input Frequency	50-60	Hz				
Rated Output Power	1,600	Watts				
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.						



Input AC Current Waveform (ITHD = 3.29%, 50% Load)

I _{RMS}	PF	I _{THD (%)}	Load	Fraction	Input	External	DC Terminal Voltage (V)/ DC Load Current (A)	Output	Efficiency
				of Load	Watts	Fan (W)*	12.2V	Watts	Efficiency
0.096	0.1402	19.196	0%	No-Load	3.11	2.50	No-Load		
0.471	0.8964	10.010	5%	Minimum	97.14	2.49	12.24/6.54	80.09	82.45%
0.772	0.9561	6.897	10%	Low	169.85	2.46	12.24/13.11	160.39	94.43%
1.475	0.9835	6.864	20%	Light	333.77	2.44	12.23/26.23	320.70	96.08%
3.627	0.9940	3.293	50%	Typical	829.37	2.40	12.2/65.57	799.85	96.44%
7.317	0.9980	2.632	100%	Full	1679.27	17.63	12.15/131.15	1593.46	94.89%

* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.01Vdc







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. http://www.80plus.org/