

80 PLUS Verification and Testing Report

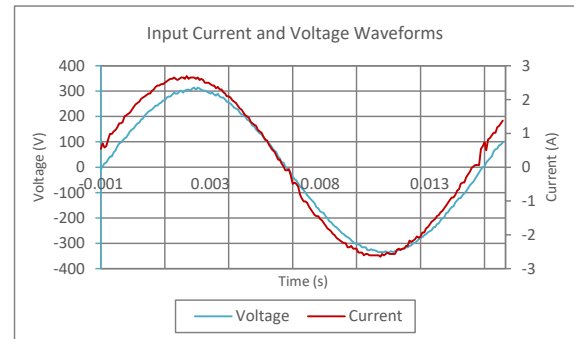
TYPICAL EFFICIENCY (50% Load):	94.43%
AVERAGE EFFICIENCY :	93.66%
80 PLUS COMPLIANT:	YES



ID Number	SO-1449
Manufacturer	CHINA GREATWALL TECHNOLOGY GROUP CO LTD
Model Number	GW-CRPS800N2
Serial Number	N/A
Year	2018
Type	OTHER, CRPS
Test Date	09/11/18

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	60/50	Hz
Rated Output Power	800	Watts

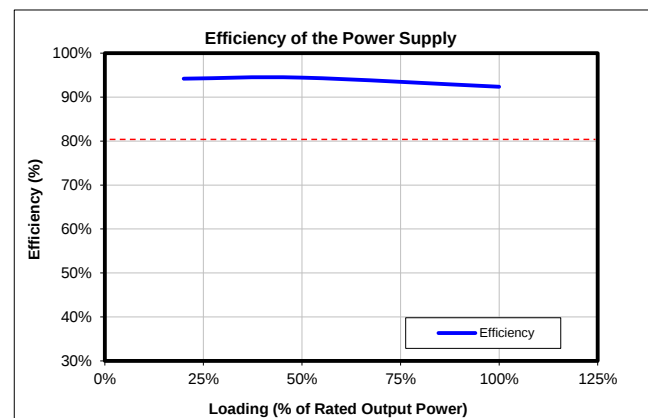
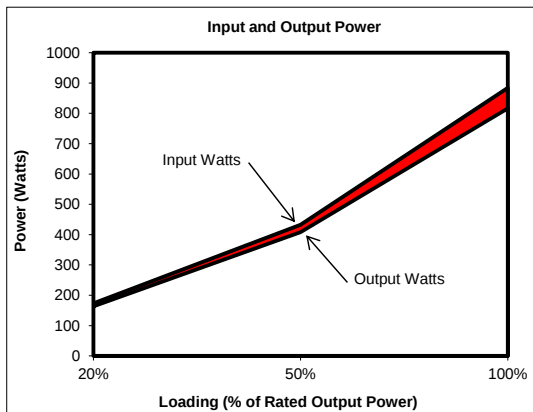
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 2.63%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
							12V	12Vsb		
0.42	0.91	10.19%	10%	Low	89	6.00	12.21/6.39	12.15/0.3	82	92.12%
0.78	0.97	8.97%	20%	Light	173	6.00	12.21/12.78	12.15/0.59	163	94.20%
1.89	0.99	2.63%	50%	Typical	432	6.12	12.21/31.94	12.16/1.48	408	94.43%
3.85	1.00	1.85%	100%	Full	884	6.60	12.22/63.88	12.16/2.96	817	92.35%

* Fan power is not included in the efficiency calculations



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/>

