

80 PLUS Verification and Testing Report

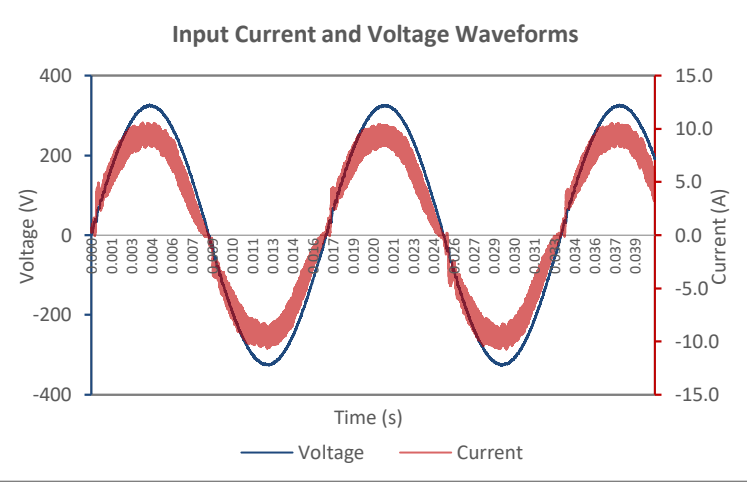
TYPICAL EFFICIENCY (50% Load):	96.46%
AVERAGE EFFICIENCY :	95.86%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2247
Manufacturer	SHENZHEN GOSPELL DIGITAL TECHNOLOGY CO.,LTD.
Model Number	G1395-3000W
Serial Number	1395302NAA220800003
Year	2023
Type	1U
Test Date	03/29/23

Rated Specifications	Value	Units
Input Voltage	100-127/200-220/220-240	Volts
Input Current	16/16/16	Amps
Input Frequency	50-60	Hz
Rated Output Power	3,000	Watts

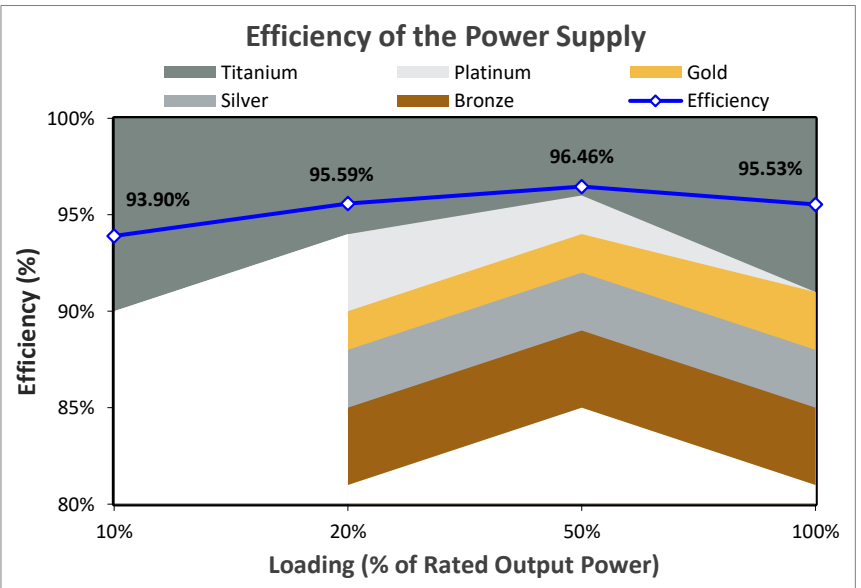
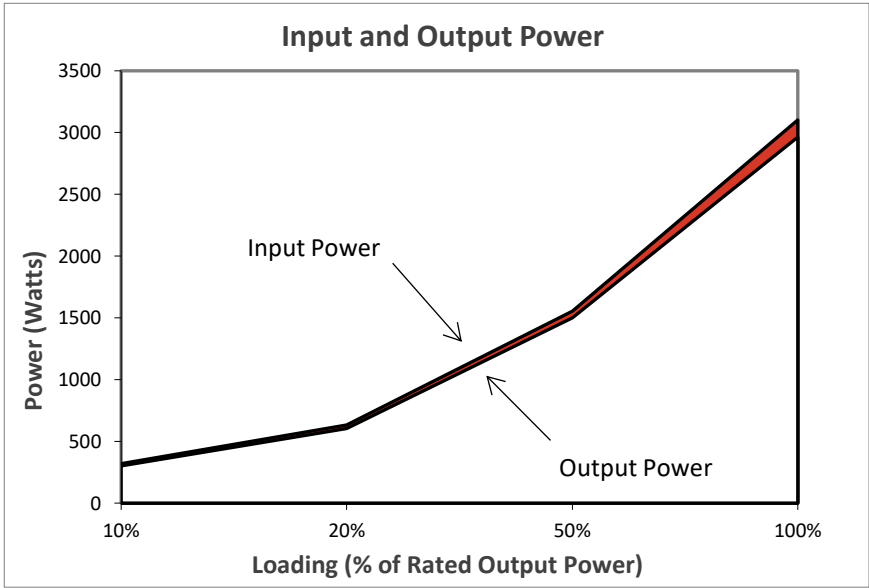
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4.12%, 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
							54V	12Vsb		
1.611	0.8611	11.064	10%	Low	319.01	0.99	54.26/5.45	12.08/0.3	299.55	93.90%
2.882	0.9515	9.006	20%	Light	630.75	1.18	54.21/10.99	12.06/0.59	602.95	95.59%
6.848	0.9875	4.124	50%	Typical	1555.25	10.00	54.04/27.43	12.01/1.48	1500.23	96.46%
13.589	0.9926	4.574	100%	Full	3102.12	31.84	53.36/54.87	11.92/2.97	2963.40	95.53%

* 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/>