

80 PLUS Verification and Testing Report

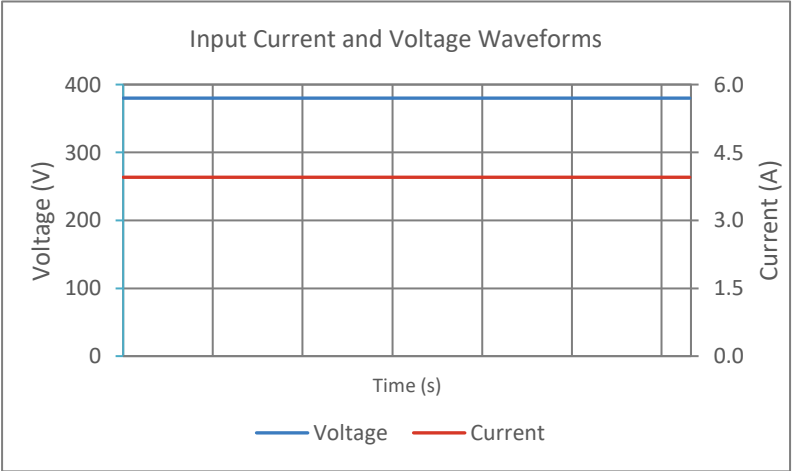
TYPICAL EFFICIENCY (50% Load):	96.59%
AVERAGE EFFICIENCY :	95.13%
80 PLUS COMPLIANT:	Titanium



ID Number	380VDC-016
Manufacturer	ABB Inc.
Model Number	CP3000HV54TEZ-FS
Serial Number	N/A
Year	2017
Type	1U
Test Date	12/08/17

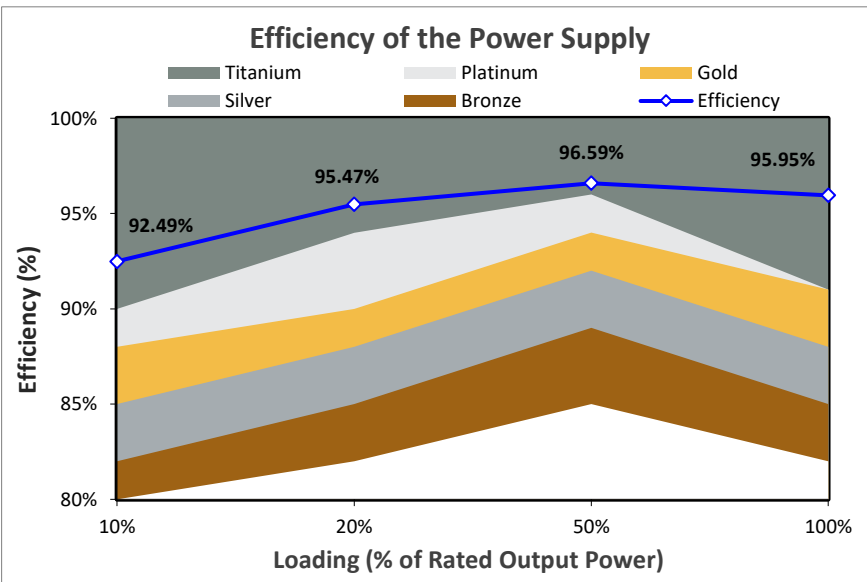
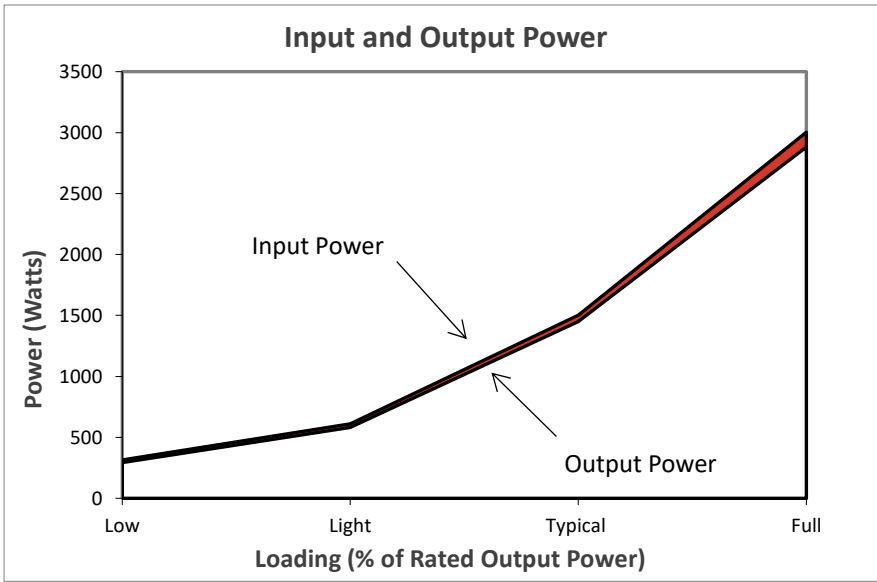
Rated Specifications	Value	Units
Input Voltage	240-380	Volts
Input Current	20	Amps
Input Frequency	DC	Hz
Rated Output Power	3,000	Watts

Note: All measurements were taken with input voltage at 380 V nominal and 0 Hz.



I _{RMS}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
					56V	3.4Vsb		
0.893	10%	Low	315.10	1.44	54.27/5.37	3.47/0.05	291.44	92.49%
1.607	20%	Light	609.80	1.44	54.2/10.74	3.45/0.1	582.20	95.47%
3.952	50%	Typical	1501.40	2.16	53.99/26.84	3.42/0.24	1450.15	96.59%
7.903	100%	Full	3003.00	8.52	53.66/53.67	3.36/0.48	2881.46	95.95%

* 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/>