

80 PLUS Verification and Testing Report

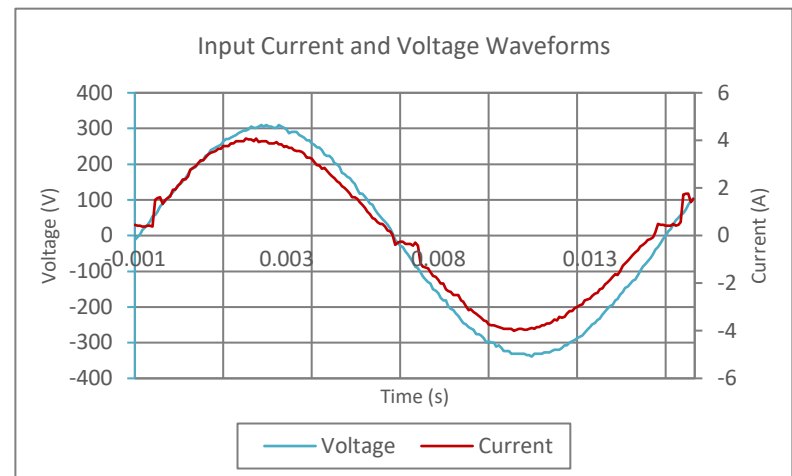
TYPICAL EFFICIENCY (50% Load):	96.00%
AVERAGE EFFICIENCY :	95.04%
80 PLUS COMPLIANT:	YES



ID Number	SO-1772.2
Manufacturer	Murata
Model Number	M2060
Serial Number	FZ2029Q30124
Year	2020
Type	1U
Test Date	09/24/20

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	50/60	Hz
Rated Output Power	1,224	Watts

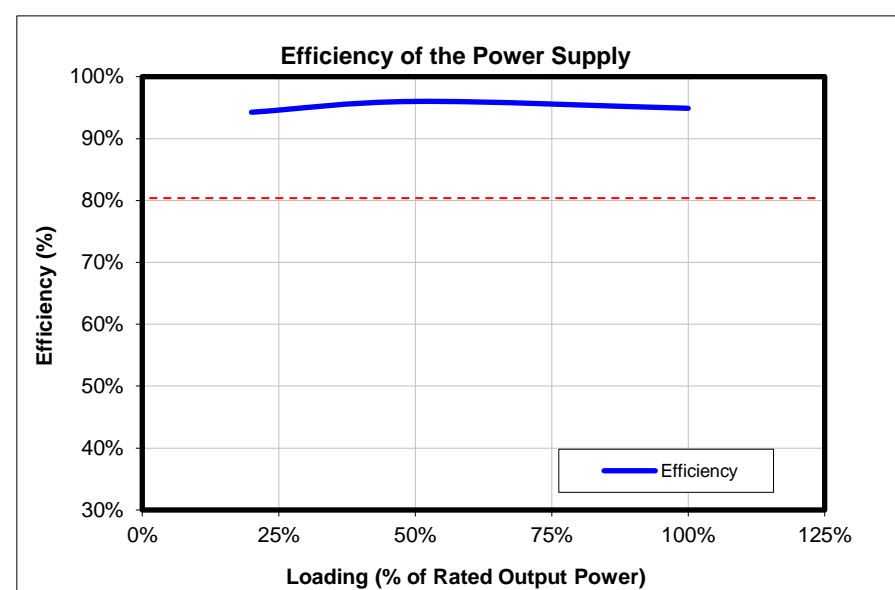
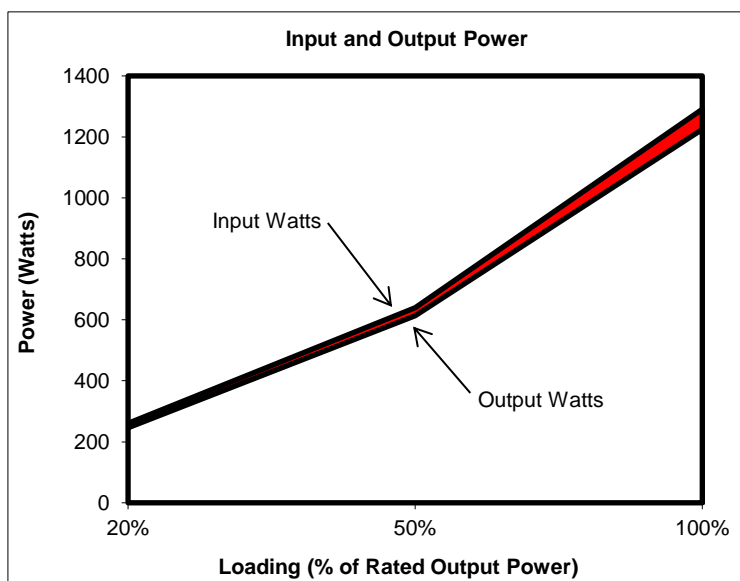
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 5.5%, 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		
0.66	0.90	23.00%	10%	Low	136	2.16	12.05/10.03	12.04/0.2	123	90.45%
1.17	0.97	11.58%	20%	Light	261	2.28	12.04/20.05	12.03/0.4	246	94.25%
2.79	1.00	5.50%	50%	Typical	640	2.16	12.01/50.12	12/1.01	614	96.00%
5.63	1.00	3.95%	100%	Full	1291	9.24	11.98/100.24	11.96/2.01	1225	94.89%

* 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/>

