

80 PLUS Verification and Testing Report

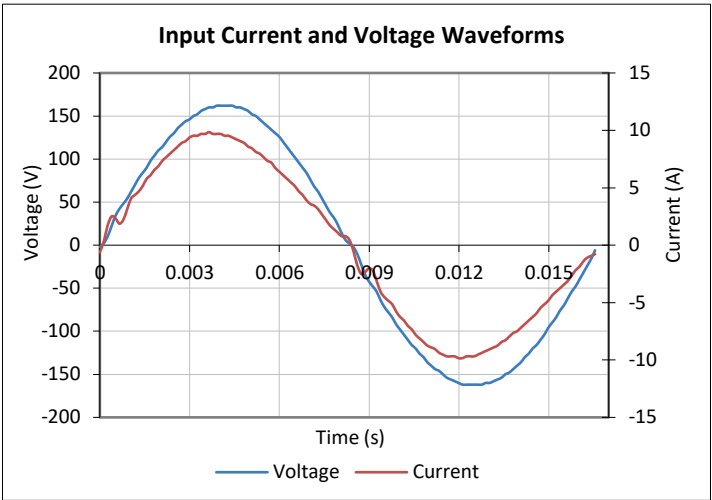
TYPICAL EFFICIENCY (50% Load):	89.74%
AVERAGE EFFICIENCY :	86.86%
80 PLUS COMPLIANT:	Silver



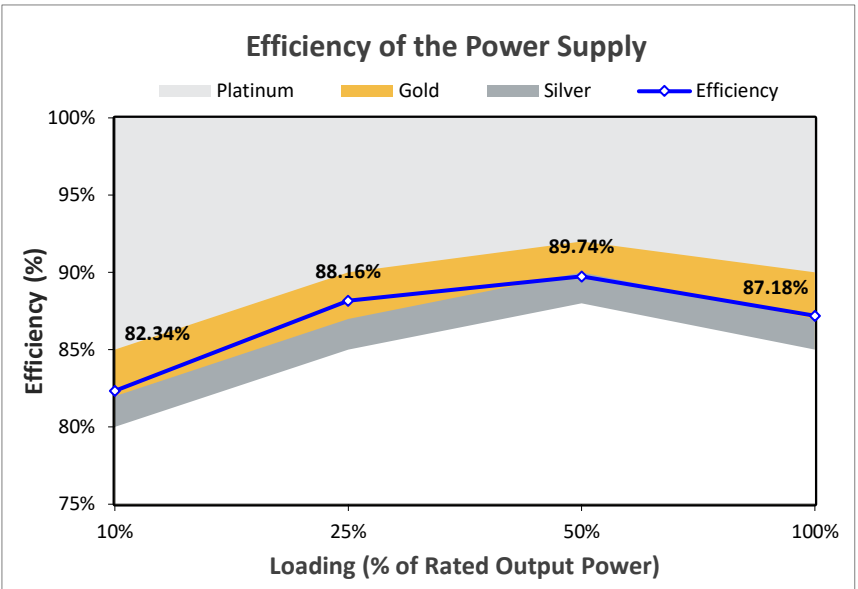
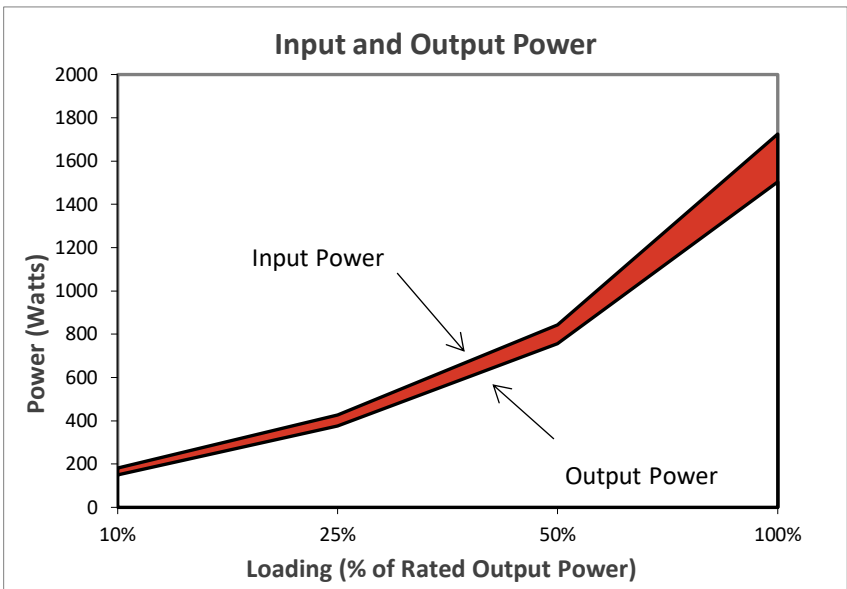
ID Number	ISO-32
Manufacturer	Artesyn Embedded Technologies
Model Number	LCM1500Q
Serial Number	K633S4001VBAC
Year	2016
Type	Embedded
Test Date	12/09/16

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	19	Amps
Input Frequency	50/60	Hz
Rated Output Power	1,500	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



I _{RMS}	PF	I _{THD}	Load	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Efficiency
						24V	5V		
1.607	0.9822	17.75%	10%	Low	181.49	24/6.18	5.21/0.2	149.43	82.34%
3.731	0.9944	8.06%	25%	Light	426.60	23.99/15.57	5.18/0.49	376.08	88.16%
7.361	0.9970	6.45%	50%	Typical	843.70	24/31.34	5.14/0.98	757.17	89.74%
15.128	0.9920	4.58%	100%	Full	1725.00	23.97/62.31	5.08/1.97	1503.89	87.18%



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/>