

80 PLUS Verification and Testing Report

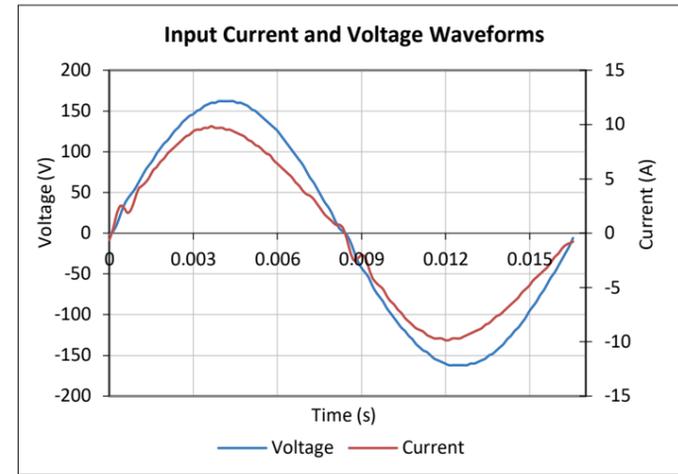
| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 89.74% |
| AVERAGE EFFICIENCY : | 86.86% |
| 80 PLUS COMPLIANT: | Silver |



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

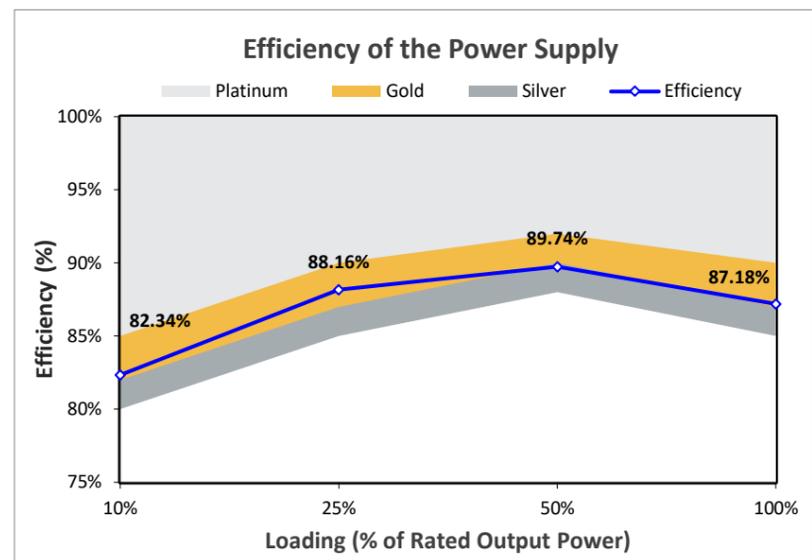
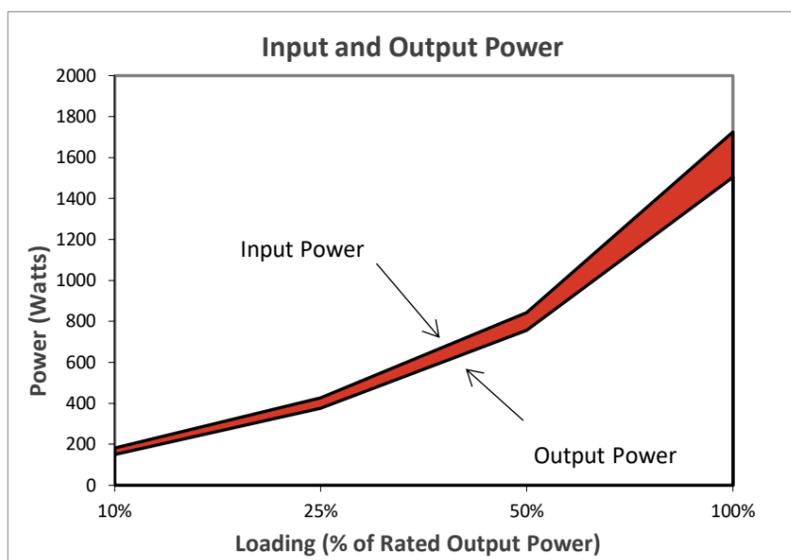
| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 19 | Amps |
| Input Frequency | 50/60 | Hz |
| Rated Output Power | 1,500 | Watts |

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



Input AC Current Waveform (ITHD = 6.45%, 50% Load)

| 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/>