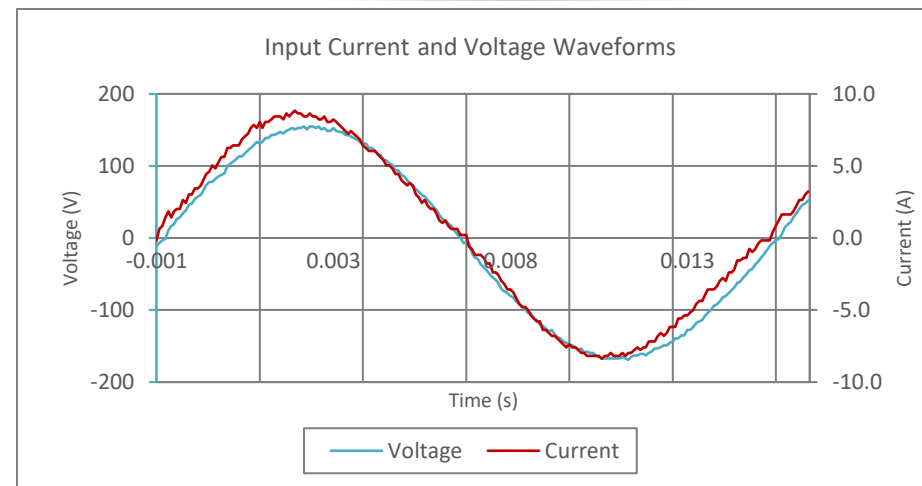


80 PLUS Verification and Testing Report

| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 92.61% |
| AVERAGE EFFICIENCY : | 91.37% |
| 80 PLUS COMPLIANT: | YES |



| | |
|----------------------|----------------|
| ID Number | 5793 |
| Manufacturer | Be Quiet |
| Model Number | E11-PT-1200W |
| Serial Number | 310S9381000017 |
| Year | 2019 |
| Type | ATX12V, EPS12V |
| Test Date | 11/19/19 |

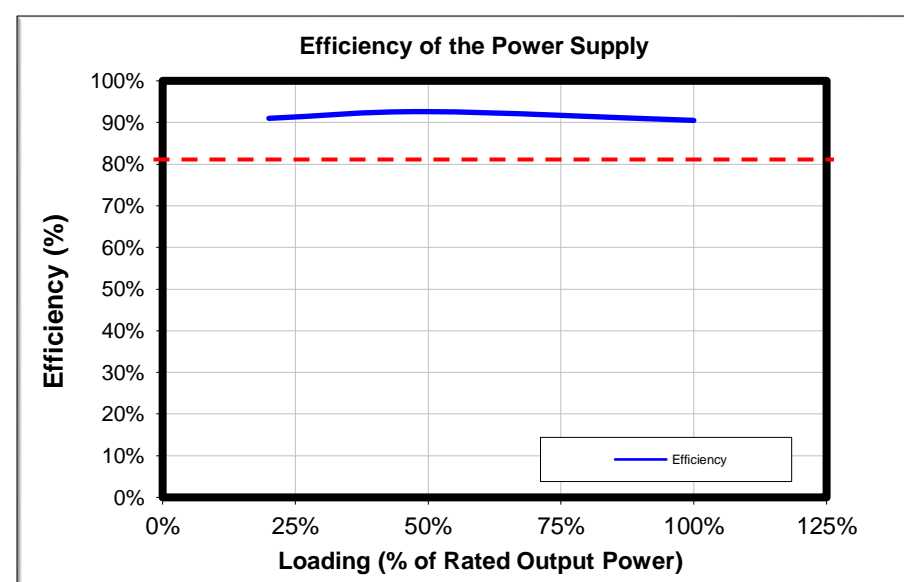
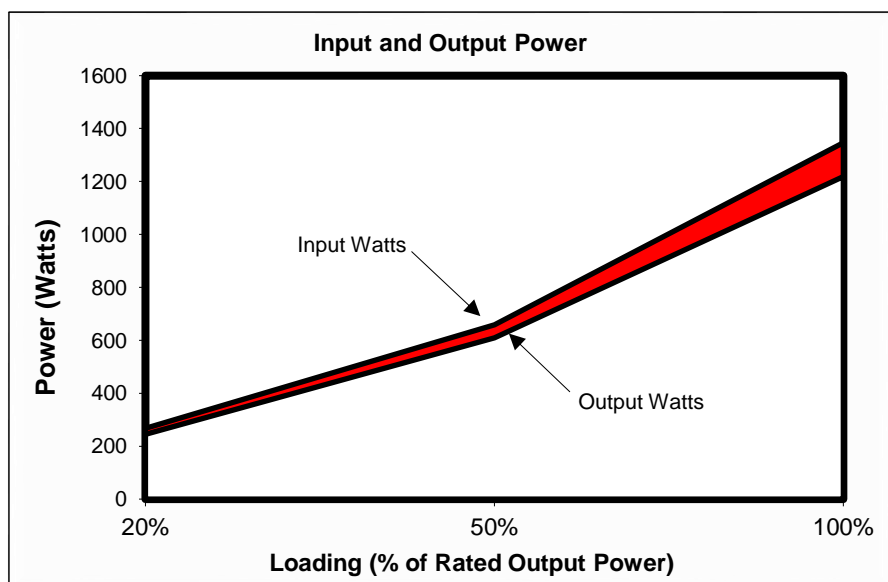


| Rated Specifications | Value | Units |
|---------------------------|-------------|--------------|
| Input Voltage | 110-240 | Volts |
| Input Current | 15-7.5 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 1200 | Watts |

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

Input AC Current Waveform (ITHD = 5.37%, 50% Load)

| I _{RMS} | PF | I _{THD} | Load | Input Watts | DC Terminal Voltage (V)/ DC Load Current (A) | | | | | Output Watts | Efficiency |
|------------------|------|------------------|------|-------------|--|------------|------------|------------|-----------|--------------|------------|
| | | | | | 12V (cumulative of 12V1, 12V2, etc.) | -12V | 3.3V | 5V | 5Vsb | | |
| 1.24 | 0.98 | 14.59% | 10% | 138.97 | 12.13/8.78 | 12.2/0.04 | 3.37/1.58 | 5.12/1.58 | 5.08/0.26 | 121.72 | 87.59% |
| 2.34 | 0.99 | 4.13% | 20% | 268.00 | 12.13/17.59 | 12.2/0.09 | 3.4/3.14 | 5.15/3.13 | 5.06/0.53 | 243.86 | 90.99% |
| 5.75 | 1.00 | 5.37% | 50% | 658.80 | 12.11/43.94 | 12.22/0.22 | 3.48/7.91 | 5.23/7.84 | 5.03/1.31 | 610.11 | 92.61% |
| 11.78 | 0.99 | 7.27% | 100% | 1346.59 | 12.07/87.71 | 12.24/0.44 | 3.61/15.84 | 5.37/15.66 | 4.96/2.63 | 1218.66 | 90.50% |



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/>

