

80 PLUS Verification and Testing Report

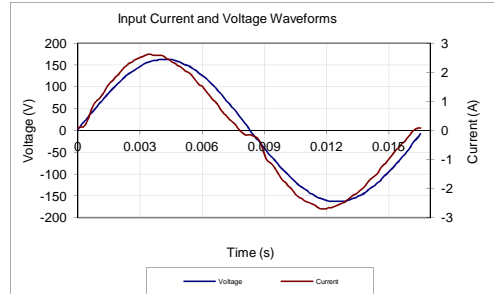
| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 85.60% |
| AVERAGE EFFICIENCY : | 84.04% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|-----------------|
| Ecos ID # | 3270 |
| Manufacturer | Be Quiet |
| Model Number | BQ SU7-350W |
| Serial Number | N/A |
| Year | 2012 |
| Type | ATX12V & EPS12V |
| Test Date | 30-Aug-12 |

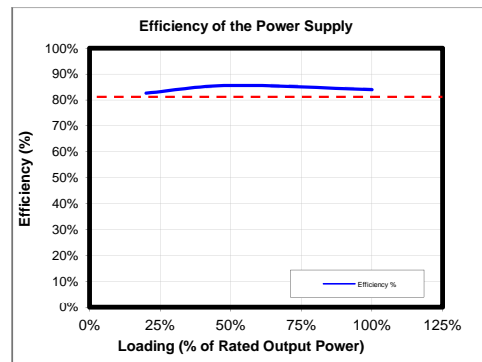
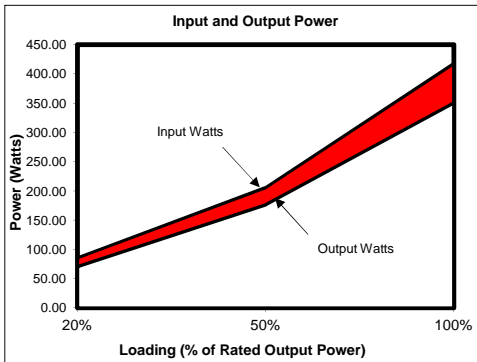
| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 5-2.5 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 350 | Watts |

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



Input AC Current Waveform (ITHD = 9.17%, 50% Load)

| I _{RMS} A | 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 | | |
| 0.41 | 0.97 | 19.04% | 10% | 46.14 | 12/2.1 | 11.9/0 | 3.4/1.2 | 5.1/0.9 | 5.1/0.2 | 35.26 | 76.42% |
| 0.75 | 0.99 | 12.41% | 20% | 85.70 | 12/4.3 | 11.9/0 | 3.4/2.4 | 5.1/1.7 | 5.1/0.4 | 70.75 | 82.56% |
| 1.82 | 0.99 | 9.17% | 50% | 206.00 | 12/10.6 | 12.0/1 | 3.4/6 | 5/4.3 | 5.1/1 | 176.34 | 85.60% |
| 3.66 | 0.99 | 5.78% | 100% | 418.00 | 12/21.3 | 12.1/0.2 | 3.3/12 | 5/8.7 | 5/1.9 | 350.90 | 83.95% |



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/>

