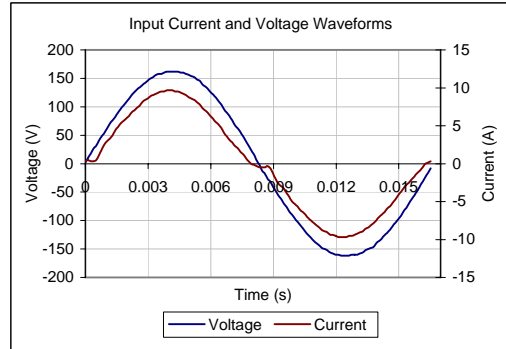


80 PLUS Verification and Testing Report



| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 89.19% |
| AVERAGE EFFICIENCY : | 87.77% |
| 80 PLUS COMPLIANT: | YES |

| | |
|----------------------|-----------------|
| Ecos ID # | 1280.1 |
| Manufacturer | OCZ |
| Model Number | OCZZ650 |
| Serial Number | N/A |
| Year | 2009 |
| Type | ATX12V & EPS12V |
| Test Date | 1/26/2009 |

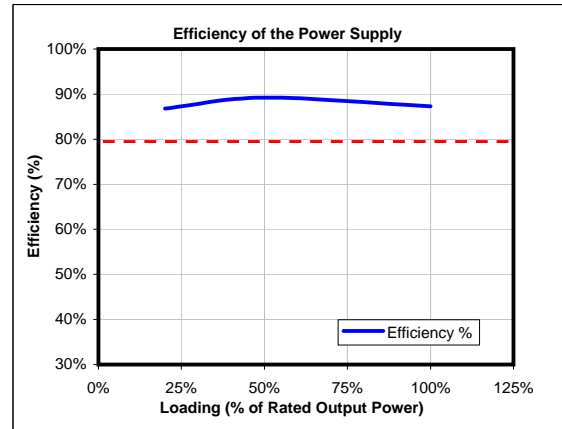
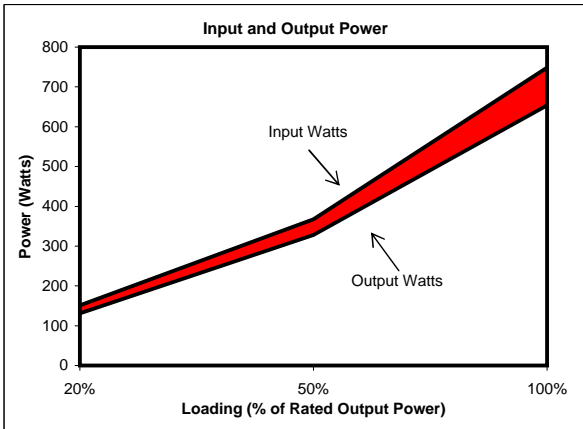


Input AC Current Waveform (ITHD = 18.24%, 50% Load)

| Rated Specifications | Value | Units |
|---------------------------|------------|--------------|
| Input Voltage | 100-240 | Volts |
| Input Current | 9-4.5 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 650 | Watts |

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

| I _{RMS} A | PF | I _{THD} (%) | Load (%) | Fraction of Load | Input Watts | DC Terminal Voltage (V)/ DC Load Current (A) | | | | | Output Watts | Efficiency % |
|-----------------------|------|----------------------|----------|------------------|-------------|--|----------|----------|----------|---------|--------------|--------------|
| | | | | | | 12V (cumulative of 12V1, 12V2, etc.) | | | | | | |
| 1.38 | 0.95 | 99.6% | 20% | Light | 151 | 12.1/8.9 | 12/0.1 | 3.4/2.5 | 5.2/2.5 | 5.1/0.4 | 131 | 86.80% |
| 3.26 | 0.98 | 18.2% | 50% | Typical | 368 | 12.1/22.2 | 12/0.2 | 3.4/6.3 | 5.1/6.3 | 5/1 | 328 | 89.19% |
| 6.56 | 0.99 | 10.8% | 100% | Full | 749 | 12/44.3 | 12.1/0.4 | 3.4/12.5 | 5.1/12.5 | 5/2.1 | 654 | 87.31% |



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.