80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load): 92.89%
AVERAGE EFFICIENCY : 91.63%
80 PLUS COMPLIANT: YES

Ecos ID #          SO-140.2
Manufacturer       SUPER MICRO COMPUTER INC.
Model Number       PWS-704P-1R
Serial Number      N/A
Year               2010
Type               1U
Test Date          3/2/2010

Rated Specifications          Value     Units
Input Voltage                 100-240    Volts
Input Current                5-3.6       Amps
Input Frequency              50-60 Hz
Rated Output Power           750         Watts

Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.

<table>
<thead>
<tr>
<th>Load (%)</th>
<th>Fraction of Load</th>
<th>Input Watts</th>
<th>External Fan (W)**</th>
<th>DC Terminal Voltage (V)</th>
<th>DC Load Current (A)</th>
<th>Output Watts</th>
<th>Efficiency %</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.48</td>
<td>25.37</td>
<td>Low</td>
<td>91</td>
<td>12.7/6.18</td>
<td>5.12/0.3</td>
<td>77</td>
<td>84.33%</td>
</tr>
<tr>
<td>0.83</td>
<td>28.42</td>
<td>Light</td>
<td>170</td>
<td>12.15/12.29</td>
<td>5.12/0.59</td>
<td>152</td>
<td>89.88%</td>
</tr>
<tr>
<td>1.87</td>
<td>25.13</td>
<td>Typical</td>
<td>407</td>
<td>12.08/30.69</td>
<td>5.09/1.48</td>
<td>278</td>
<td>92.89%</td>
</tr>
<tr>
<td>3.64</td>
<td>15.71</td>
<td>Full</td>
<td>815</td>
<td>12.06/61.32</td>
<td>5.07/2.96</td>
<td>754</td>
<td>92.15%</td>
</tr>
</tbody>
</table>

* 10% load results are for informative purposes only and not included in certification requirements.
** Fan power is not included in the efficiency calculations.

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/