

80 PLUS Verification and Testing Report

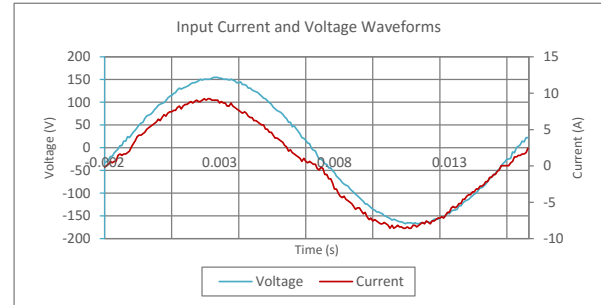
| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 92.12% |
| AVERAGE EFFICIENCY : | 90.85% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|------------|
| ID Number | 4997 |
| Manufacturer | Colorful |
| Model Number | CF-G1250WN |
| Serial Number | N/A |
| Year | 2017 |
| Type | EPS12V |
| Test Date | 7/12/17 |

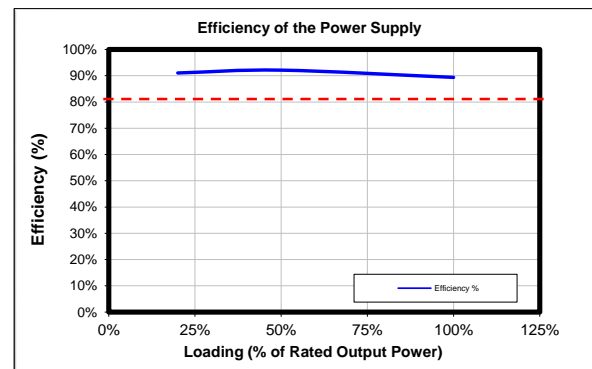
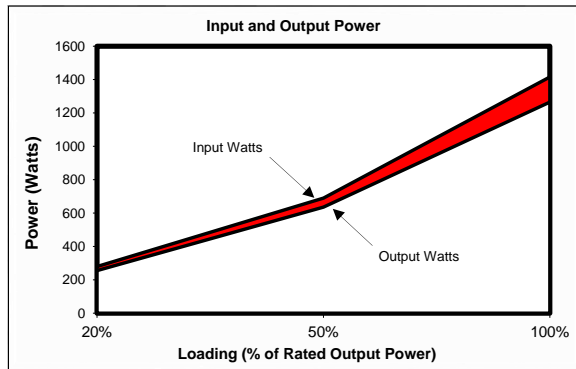
| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 16-10 | Amps |
| Input Frequency | 47-63 | Hz |
| Rated Output Power | 1250 | Watts |

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



Input AC Current Waveform (ITHD = 5.63%, 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 | 5Vsb | | |
| 1.33 | 0.96 | 13.47% | 10% | 146.97 | 12.17/9.53 | 11.48/0.03 | 3.38/1.18 | 5.1/1.11 | 5.14/0.23 | 127.07 | 86.46% |
| 2.51 | 0.97 | 11.04% | 20% | 279.80 | 12.18/19.1 | 11.42/0.05 | 3.37/2.36 | 5.1/2.2 | 5.13/0.46 | 254.76 | 91.05% |
| 6.05 | 0.99 | 5.63% | 50% | 689.80 | 12.17/47.7 | 11.59/0.14 | 3.35/5.91 | 5.08/5.48 | 5.1/1.14 | 635.47 | 92.12% |
| 12.33 | 1.00 | 2.49% | 100% | 1415.70 | 12.18/94.88 | 12.46/0.27 | 3.32/11.81 | 5.06/10.94 | 5.05/2.29 | 1265.27 | 89.37% |



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/>

