

80 PLUS Verification and Testing Report

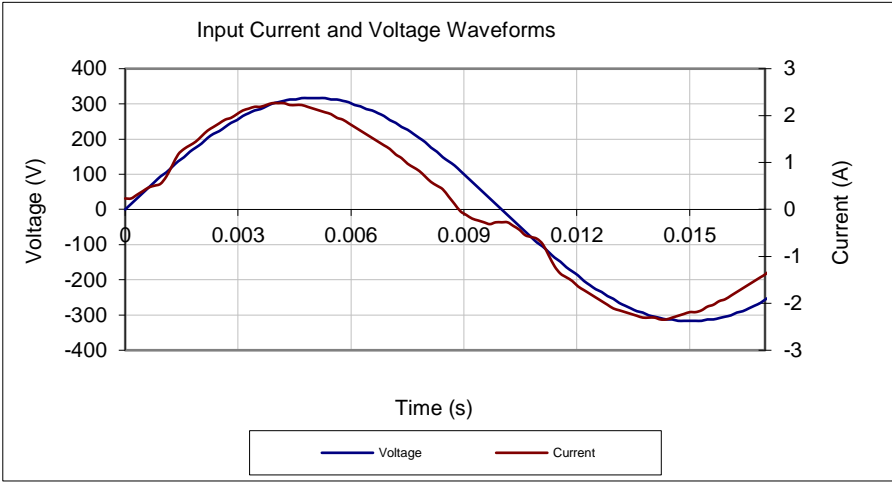
| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 86.72% |
| AVERAGE EFFICIENCY : | 85.23% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|-----------|
| ID # | EU-240.4 |
| Manufacturer | DeepCool |
| Model Number | PF600D-HA |
| Serial Number | NA |
| Year | 2016 |
| Type | ATX12V |
| Test Date | 8/4/16 |

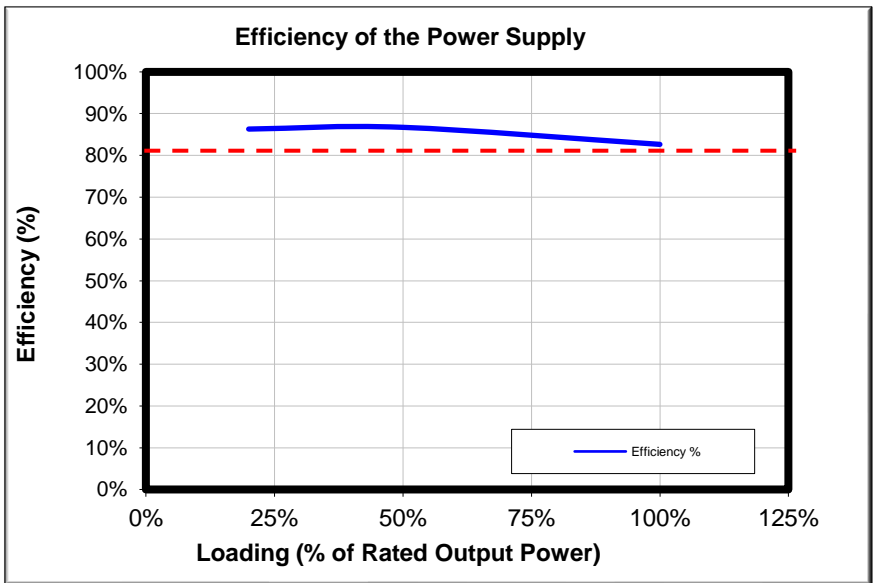
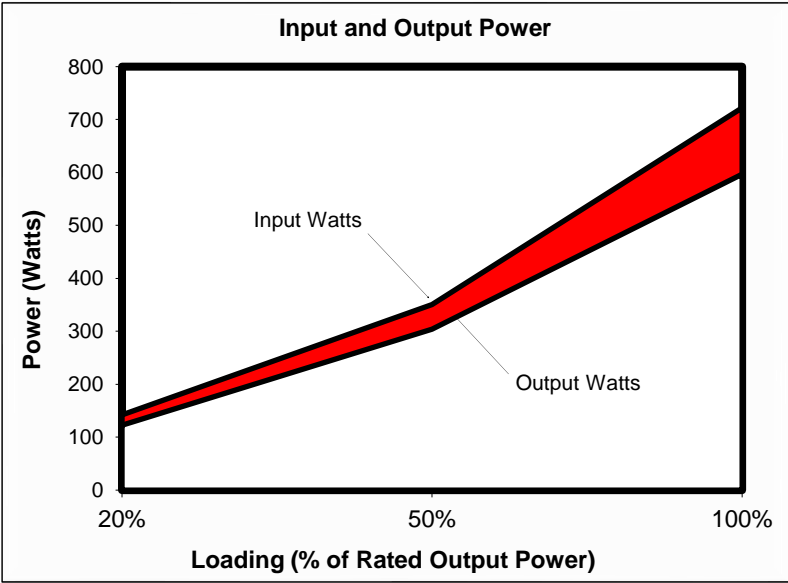
| Rated Specifications | Value | Units |
|----------------------|-------|-------|
| Input Voltage | 230 | Volts |
| Input Current | 10 | Amps |
| Input Frequency | 50 | Hz |
| Rated Output Power | 600 | Watts |

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 11.66%, 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 | | |
| 0.40 | 0.81 | 29.45% | 10% | 74.49 | 12.32/3.97 | 11.76/0.02 | 3.33/1.58 | 5.05/1.19 | 5.15/0.2 | 61.38 | 82.40% |
| 0.67 | 0.93 | 13.33% | 20% | 142.23 | 12.3/7.94 | 11.77/0.05 | 3.31/3.17 | 5.04/2.37 | 5.14/0.4 | 122.76 | 86.31% |
| 1.56 | 0.98 | 11.66% | 50% | 350.70 | 12.22/19.83 | 11.85/0.12 | 3.27/7.91 | 5/5.89 | 5.1/0.99 | 304.14 | 86.72% |
| 3.18 | 0.99 | 9.61% | 100% | 722.20 | 12.08/39.36 | 12.04/0.24 | 3.19/15.75 | 4.94/11.79 | 5.02/1.98 | 596.84 | 82.64% |



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/>