

80 PLUS Verification and Testing Report

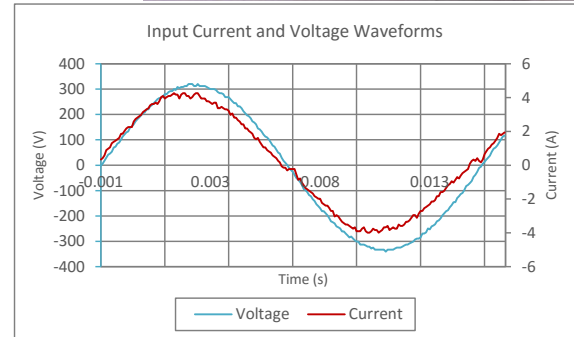
| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 94.62% |
| AVERAGE EFFICIENCY : | 93.48% |
| 80 PLUS COMPLIANT: | YES |



| | |
|----------------------|--------------------|
| ID Number | SO-1295 |
| Manufacturer | 3Y Power |
| Model Number | YPEB1200 |
| Serial Number | SA000U761718000041 |
| Year | 2017 |
| Type | 1U |
| Test Date | 07/26/17 |

| Rated Specifications | Value | Units |
|----------------------|-------------------|-------|
| Input Voltage | 100-120 / 200-240 | Volts |
| Input Current | 15 / 8 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 1,200 | Watts |

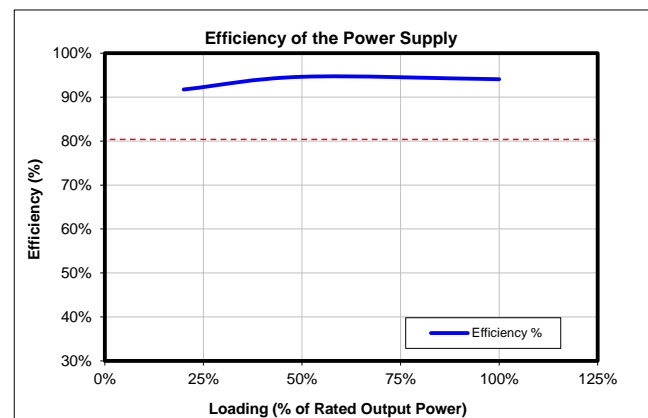
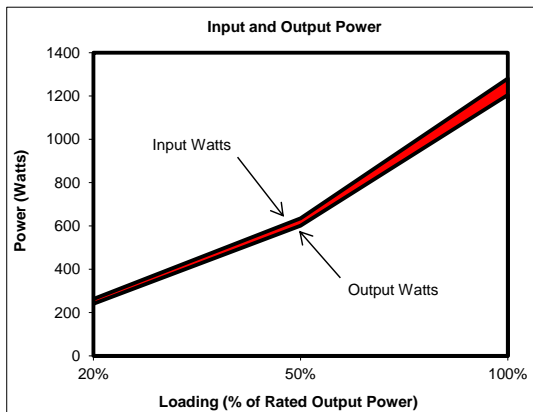
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 0.0453%, 50% Load)

| I _{RMS} | PF | I _{THD} | Load | Fraction of Load | Input Watts | External Fan (W)* | DC Terminal Voltage (V)/ DC Load Current (A) | Output Watts | Efficiency % |
|------------------|------|------------------|------|------------------|-------------|-------------------|--|--------------|--------------|
| | | | | | | | 54.5V | | |
| 0.71 | 0.86 | 16.64% | 10% | Low | 141 | 2.28 | 54.57/2.21 | 120 | 85.30% |
| 1.21 | 0.95 | 13.05% | 20% | Light | 262 | 2.16 | 54.57/4.41 | 241 | 91.74% |
| 2.79 | 0.99 | 4.53% | 50% | Typical | 635 | 0.00 | 54.54/11.02 | 601 | 94.62% |
| 5.60 | 0.99 | 4.95% | 100% | Full | 1281 | 10.95 | 54.51/22.11 | 1205 | 94.07% |

* 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/>

