

80 PLUS Verification and Testing Report

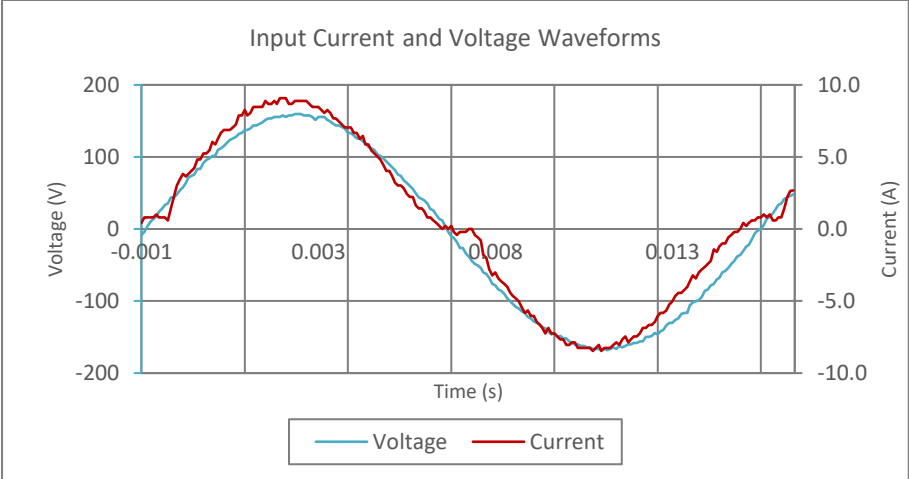
| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 92.56% |
| AVERAGE EFFICIENCY : | 91.38% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|-------------|
| ID Number | 6518.1 |
| Manufacturer | OCPC |
| Model Number | OCPSPT1200M |
| Serial Number | N/A |
| Year | 2021 |
| Type | ATX12V |
| Test Date | 3/25/21 |

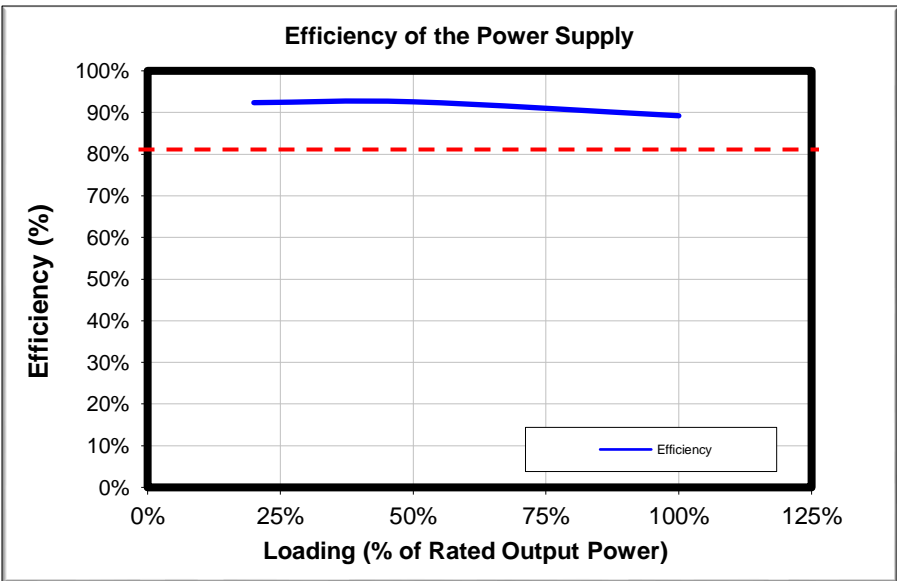
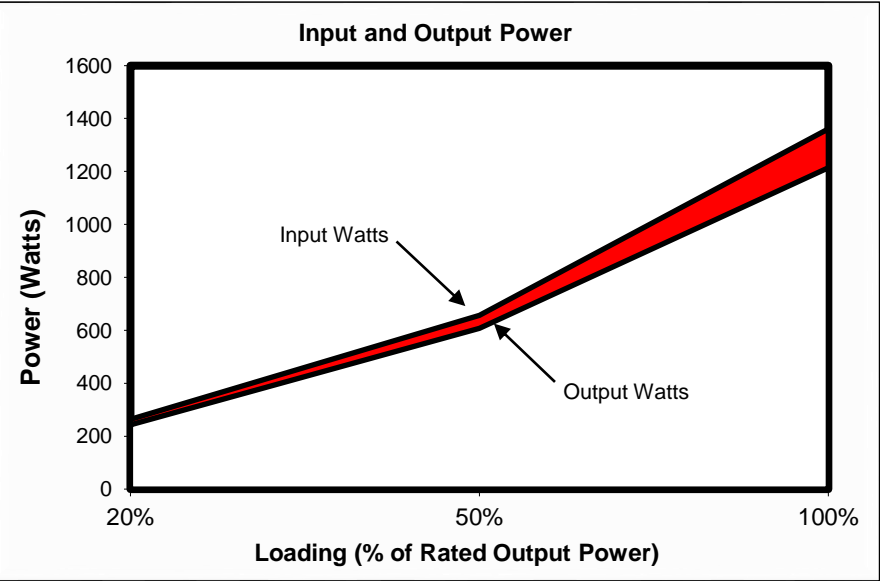
| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 14-8 | Amps |
| Input Frequency | 47-63 | Hz |
| Rated Output Power | 1200 | Watts |

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



Input AC Current Waveform (ITHD = 11.3%, 50% Load)

| I _{RMS} | 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 | | |
| 1.22 | 0.96 | 21.35% | 10% | 135.69 | 12.13/8.92 | 12.1/0.07 | 3.36/1.39 | 5.11/1.39 | 5.08/0.27 | 122.09 | 89.98% |
| 2.35 | 0.97 | 19.22% | 20% | 263.50 | 12.12/17.78 | 12.11/0.14 | 3.36/2.78 | 5.11/2.76 | 5.07/0.53 | 243.37 | 92.36% |
| 5.76 | 0.99 | 11.30% | 50% | 656.80 | 12.11/44.46 | 12.12/0.35 | 3.37/6.94 | 5.12/6.88 | 5.03/1.33 | 607.92 | 92.56% |
| 11.89 | 1.00 | 7.84% | 100% | 1361.00 | 12.1/88.84 | 12.12/0.71 | 3.37/13.9 | 5.13/13.74 | 4.96/2.66 | 1214.23 | 89.22% |



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/>