

80 PLUS Verification and Testing Report

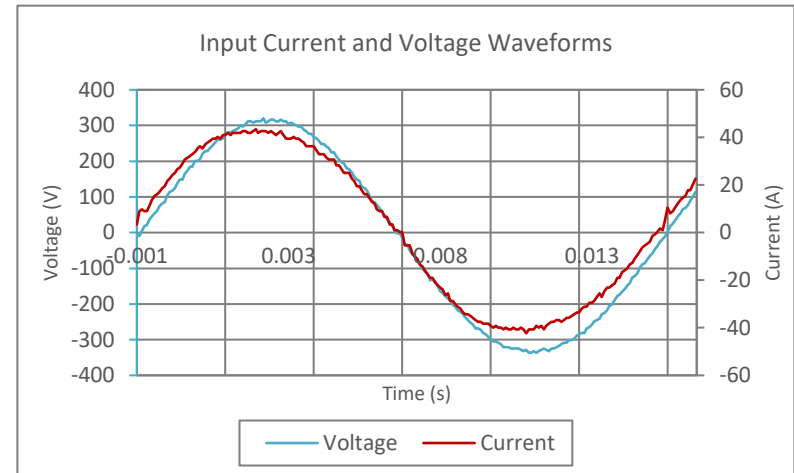
| | |
|---------------------------------------|---------------|
| TYPICAL EFFICIENCY (50% Load): | 94.95% |
| AVERAGE EFFICIENCY : | 93.87% |
| 80 PLUS COMPLIANT: | YES |



| | |
|----------------------|------------------------------------|
| ID Number | SO-1503.2 |
| Manufacturer | Chicony Power Technology Co., Ltd. |
| Model Number | R18-1K3P1TA |
| Serial Number | F395601845000031 |
| Year | 2019 |
| Type | 1U |
| Test Date | 01/30/19 |

| Rated Specifications | Value | Units |
|----------------------|-------------------|-------|
| Input Voltage | 100-127 / 200-240 | Volts |
| Input Current | 13/8 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 1,300 | Watts |

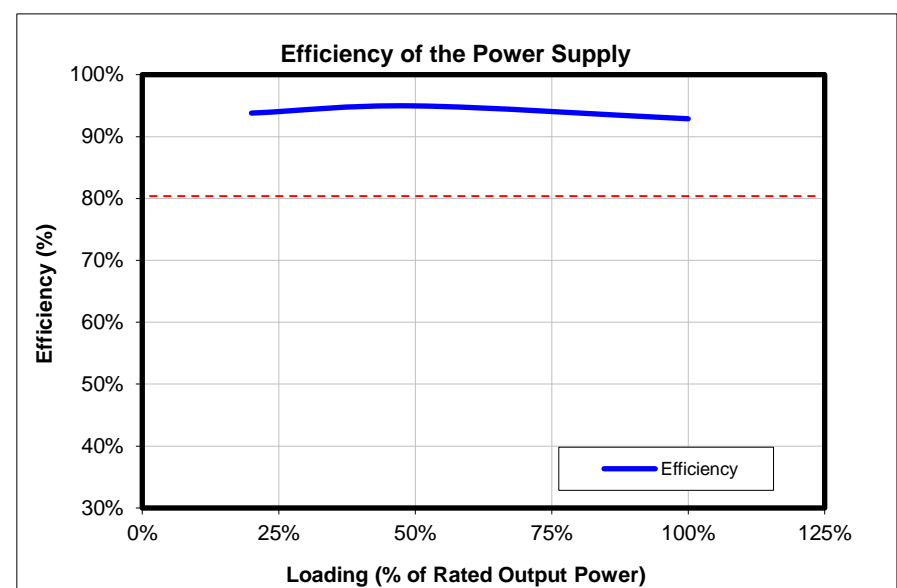
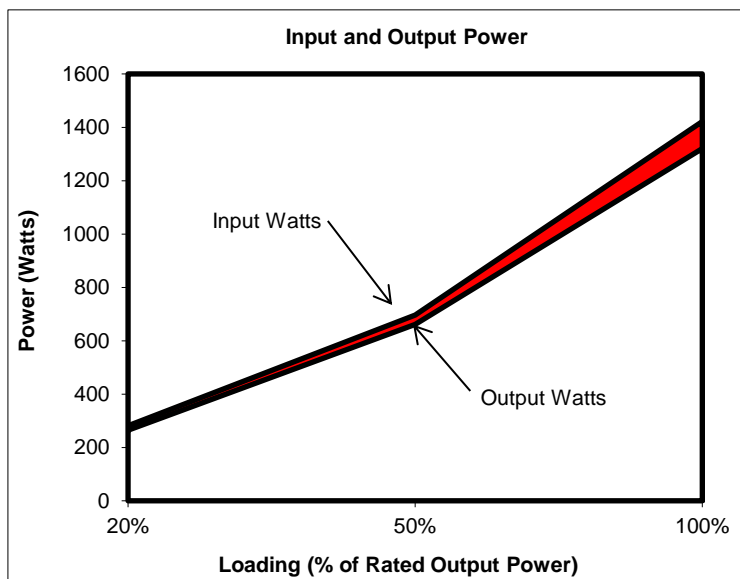
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 4.63%, 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 |
|------------------|------|------------------|------|------------------|-------------|-------------------|--|------------|--------------|------------|
| | | | | | | | 12.2V | 12Vsb | | |
| 0.67 | 0.95 | 12.65% | 10% | Low | 145 | 2.52 | 12.38/10.44 | 12.11/0.25 | 132 | 90.88% |
| 1.25 | 0.98 | 8.16% | 20% | Light | 282 | 2.64 | 12.38/20.87 | 12.09/0.5 | 264 | 93.79% |
| 3.04 | 0.99 | 4.63% | 50% | Typical | 696 | 2.64 | 12.37/52.17 | 12.37/1.26 | 661 | 94.95% |
| 6.19 | 1.00 | 2.23% | 100% | Full | 1422 | 2.88 | 12.36/104.34 | 12.35/2.51 | 1320 | 92.87% |

* 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/>

