

80 PLUS Verification and Testing Report

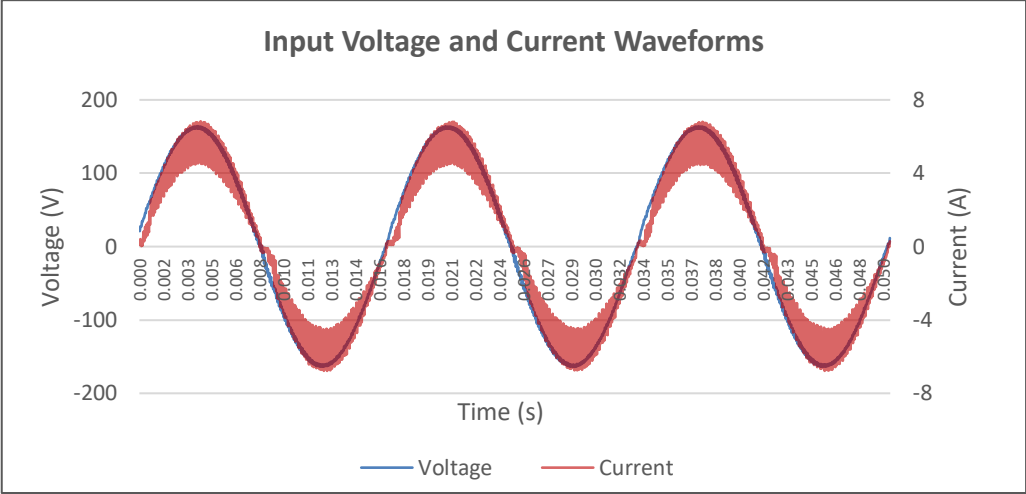
| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 91.88% |
| AVERAGE EFFICIENCY : | 89.13% |
| 80 PLUS COMPLIANT: | Gold |



| | |
|---------------|------------|
| ID Number | 7434 |
| Manufacturer | HuntKey |
| Model Number | HK950-11PM |
| Serial Number | N/A |
| Type | ATX12V |
| Test Date | 6/5/24 |

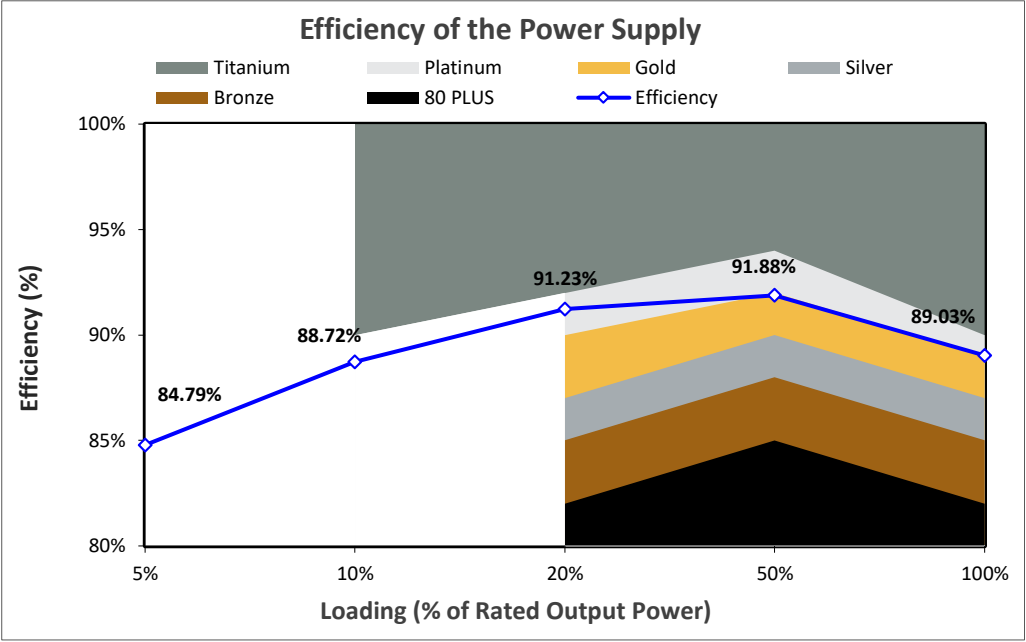
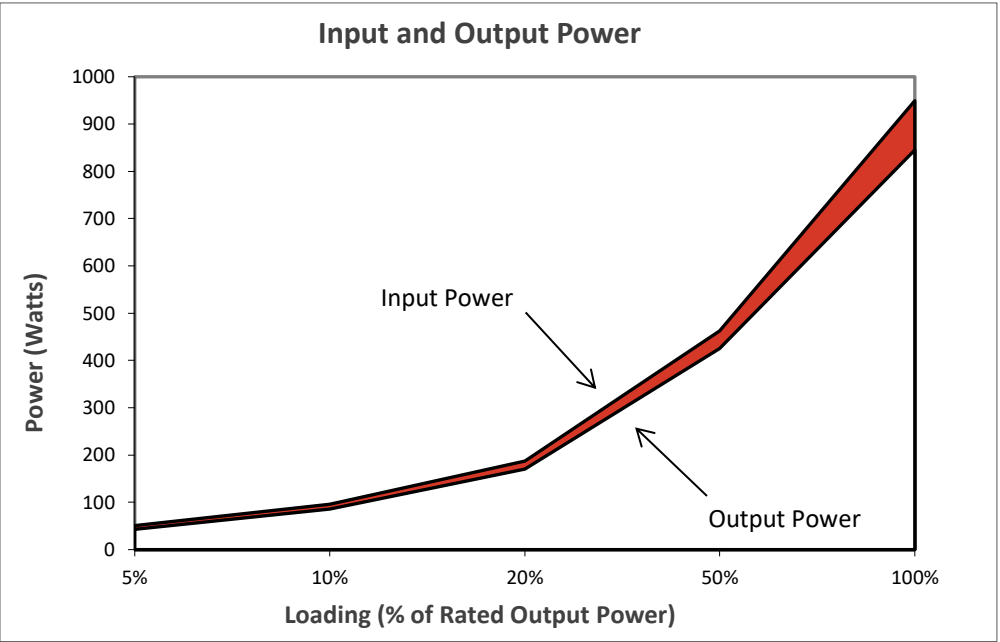
| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 10-5 | Amps |
| Input Frequency | 50-60 | Hz |
| Rated Output Power | 850 | Watts |

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



Input AC Current Waveform (ITHD = 3.66%, 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 | 5Vstb | | |
| 0.112 | 0.2491 | 38.41 | 0% | 3.22 | No-Load | | | | | | |
| 0.678 | 0.6451 | 10.13 | 5% | 50.30 | 12/2.98 | 11.45/0.021 | 3.42/0.71 | 5.08/0.71 | 5.11/0.126 | 42.64 | 84.79% |
| 0.935 | 0.8939 | 11.41 | 10% | 96.08 | 11.99/5.96 | 11.48/0.042 | 3.41/1.42 | 5.07/1.42 | 5.1/0.252 | 85.24 | 88.72% |
| 1.708 | 0.9503 | 6.11 | 20% | 186.70 | 11.99/11.91 | 11.54/0.084 | 3.41/2.84 | 5.06/2.84 | 5.09/0.505 | 170.33 | 91.23% |
| 4.083 | 0.9842 | 3.66 | 50% | 462.25 | 11.96/29.78 | 11.74/0.21 | 3.39/7.09 | 5.04/7.09 | 5.03/1.262 | 424.71 | 91.88% |
| 8.374 | 0.9857 | 2.75 | 100% | 949.32 | 11.91/59.55 | 12.08/0.421 | 3.37/14.19 | 5/14.19 | 4.94/2.523 | 845.14 | 89.03% |



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/>