

80 PLUS Verification and Testing Report

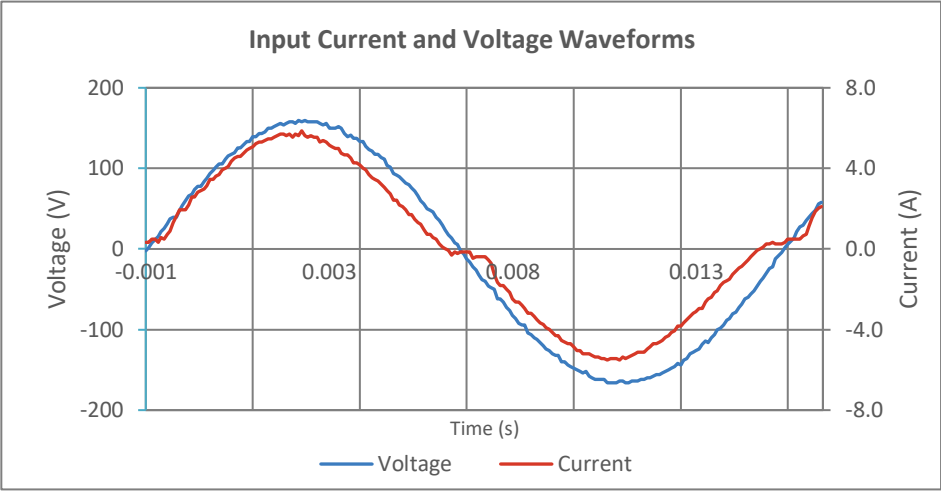
| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 92.08% |
| AVERAGE EFFICIENCY : | 90.36% |
| 80 PLUS COMPLIANT: | Gold |



| | |
|---------------|--------------|
| ID Number | 6940 |
| Manufacturer | SANR |
| Model Number | S-850MZ 750A |
| Serial Number | N/A |
| Year | 2022 |
| Type | EPS12V |
| Test Date | 1/9/23 |

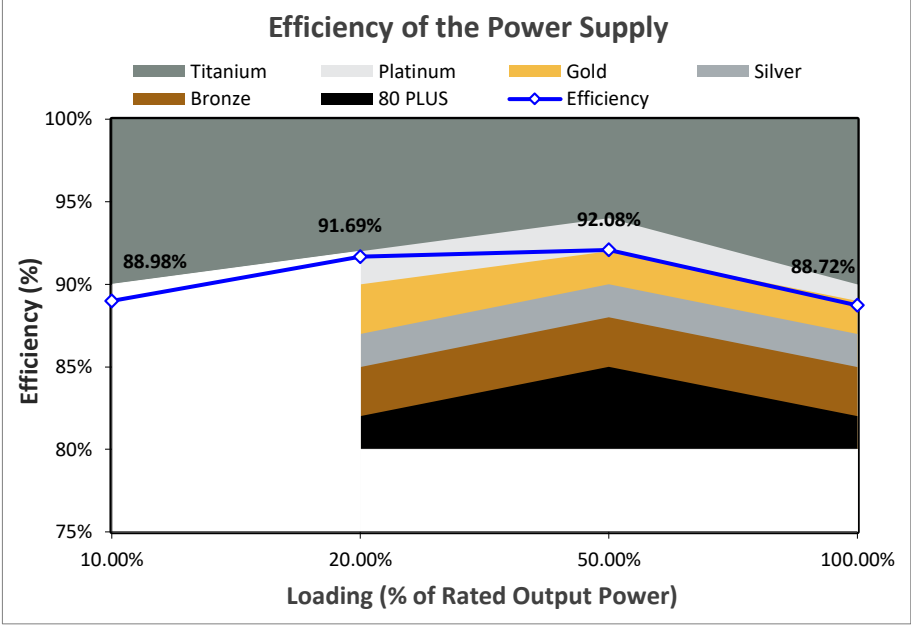
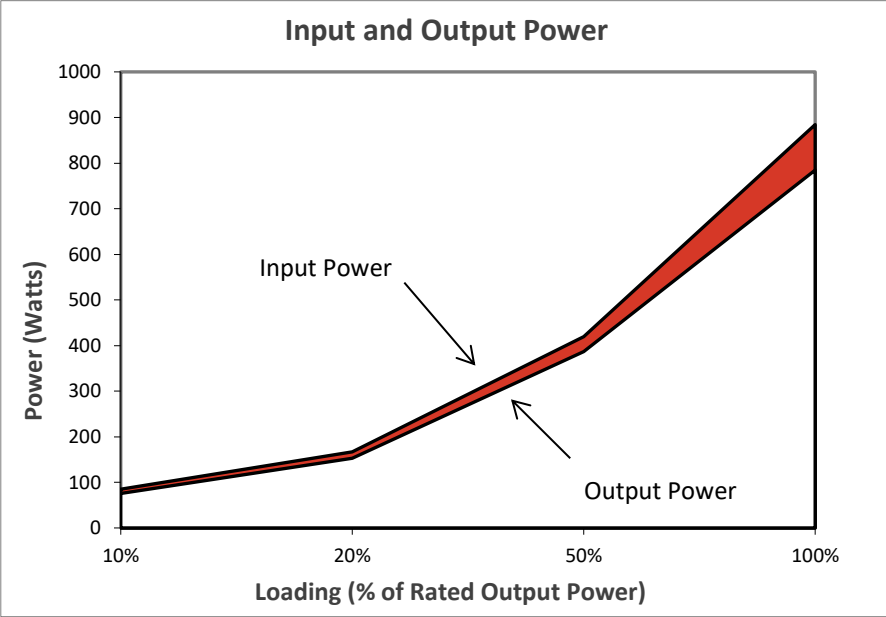
| Rated Specifications | | Value | Units |
|----------------------|--|---------|-------|
| Input Voltage | | 100-240 | Volts |
| Input Current | | 11-5.5 | Amps |
| Input Frequency | | 47-63 | Hz |
| Rated Output Power | | 750 | Watts |

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



Input AC Current Waveform (ITHD = 11.13%, 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 | | |
| 0.775 | 0.9587 | 17.30% | 10% | 85.45 | 12.12/5.23 | 12.27/0.03 | 3.41/1.32 | 5.1/1.32 | 5.04/0.21 | 76.03 | 88.98% |
| 1.488 | 0.9726 | 16.42% | 20% | 166.40 | 12.15/10.46 | 12.27/0.05 | 3.45/2.64 | 5.14/2.63 | 5.03/0.42 | 152.56 | 91.69% |
| 3.689 | 0.9889 | 11.13% | 50% | 419.50 | 12.27/26.22 | 12.26/0.13 | 3.55/6.61 | 5.24/6.54 | 5.02/1.05 | 386.26 | 92.08% |
| 7.726 | 0.9950 | 7.52% | 100% | 884.40 | 12.44/52.36 | 12.2/0.25 | 3.72/13.21 | 5.41/13.06 | 5/2.11 | 784.63 | 88.72% |



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/>