

80 PLUS Verification and Testing Report

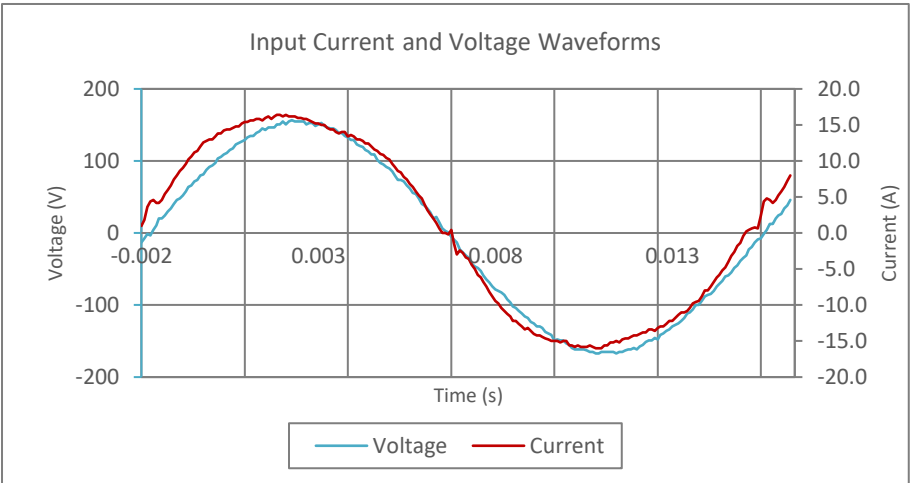
| | |
|--------------------------------|--------|
| TYPICAL EFFICIENCY (50% Load): | 93.08% |
| AVERAGE EFFICIENCY : | 92.14% |
| 80 PLUS COMPLIANT: | YES |



| | |
|---------------|---------------------------------------|
| ID Number | 5983 |
| Manufacturer | Delta Electronics (Dongguan) Co., Ltd |
| Model Number | DPS-250AB-115 A |
| Serial Number | N/A |
| Year | 2020 |
| Type | 2U |
| Test Date | 6/12/20 |

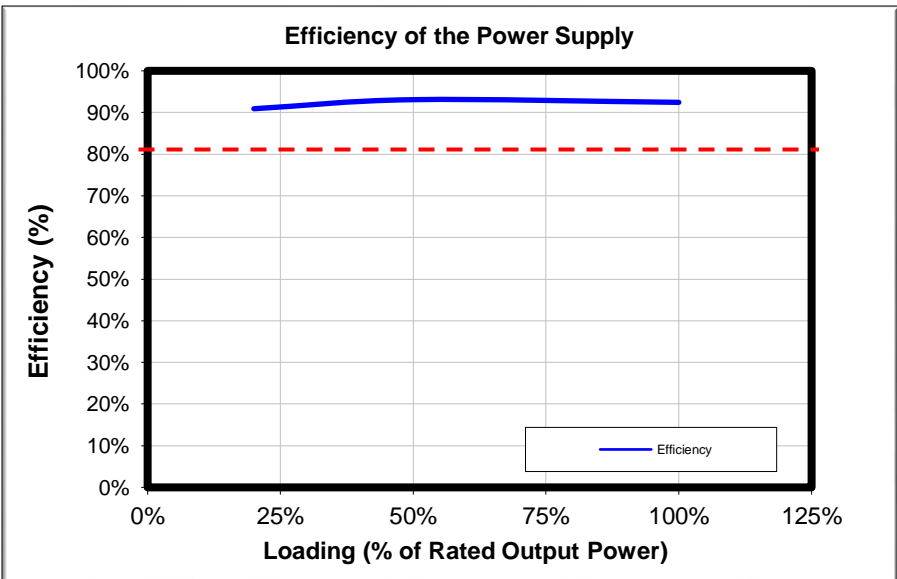
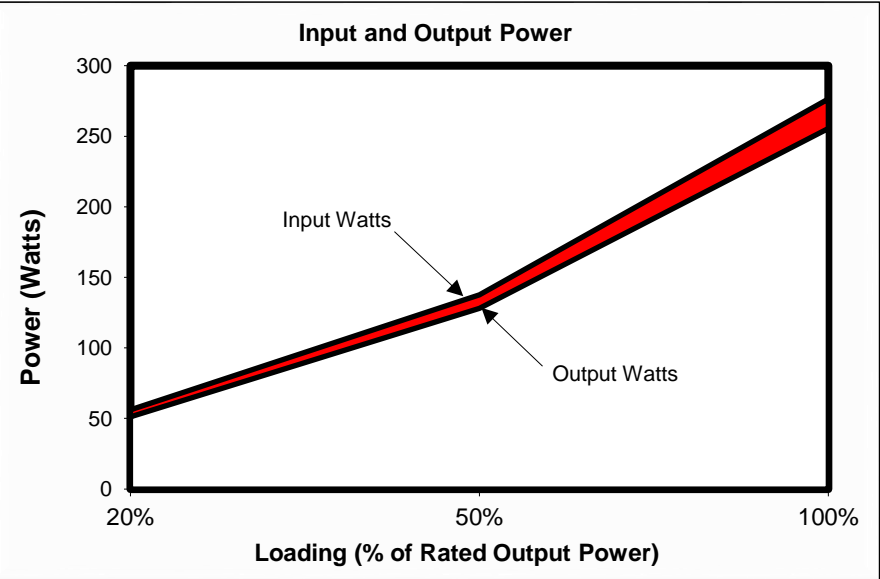
| Rated Specifications | Value | Units |
|----------------------|---------|-------|
| Input Voltage | 100-240 | Volts |
| Input Current | 3.5 | Amps |
| Input Frequency | 47-63 | Hz |
| Rated Output Power | 250 | Watts |

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



Input AC Current Waveform (ITHD = 6.49%, 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.) | 12Vsb | | |
| 0.29 | 0.90 | 23.65% | 10% | 29.64 | 12.26/1.89 | 12.22/0.2 | 25.57 | 86.29% |
| 0.51 | 0.95 | 20.01% | 20% | 56.24 | 12.25/3.77 | 12.22/0.4 | 51.12 | 90.90% |
| 1.20 | 0.99 | 6.49% | 50% | 137.63 | 12.25/9.47 | 12.21/0.99 | 128.11 | 93.08% |
| 2.42 | 1.00 | 5.66% | 100% | 276.40 | 12.23/18.92 | 12.18/1.98 | 255.49 | 92.43% |



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/>

