



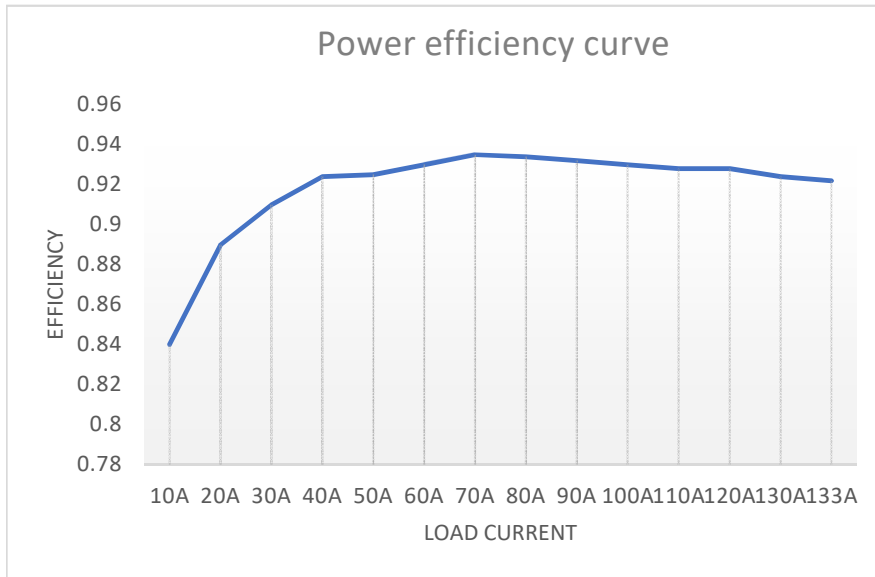
ALPHA MINER PSU-1600

Certifications:



Output	DC Voltage	12V
	Rated Current (220V input)	133A
	Rated Power (220V input)	1600 W
	Ripple & Noise	<1%
	Voltage Regulation	<2%
	Source Regulation	<1%
	Load Regulation	<1%
	Setup, Rise Time	<2S
	Power off Protection Trip Time	>9mS
	Interface Type	10 6-pin PCI-E connectors
	Noise Level	72 dB
Input	Voltage Range	180-280V AC
	Starting Voltage	170V AC
	Frequency Range	50-60 Hz
	Power Factor	>0.94 (full load)
	Leakage Current	<1.5mA (220V 50Hz)
Protection	Under Voltage Protection (UVP)	Yes, 135-155V AC
	Over Voltage Protection (OVP)	Yes
	Short Circuit Protection (SCP)	Yes
	Over Current Protection (OCP)	Yes, 182-266A
	Over Temperature Protection (OTP)	Yes
	Over Power Protection (OPP)	Yes
	Power Switch	Input Switch
Environmental Conditions	Operating Temperature	-4°F - 122°F or -20°C - 50°C
	Operating Humidity	20% - 90% relative humidity (non-condensing)

Individual Packaging	Dimensions	13.6" x 7.5" x 4.1" or 345 * 190 * 105 mm
	Weight	5.8 lbs. or 2.6 kg
Unit	Dimensions	10.5" x 4.3" x 2.5" or 267 * 110 * 64 mm
	Weight	4.63 lbs. or 2.1 kg
Cooling type	Fan	Forced-air cooling
	Cooling time	10 seconds after switching off



Load Current	Efficiency
10A	0.84
20A	0.89
30A	0.91
40A	0.924
50A	0.925
60A	0.93
70A	0.935
80A	0.934
90A	0.932
100A	0.93
110A	0.928
120A	0.928
130A	0.924
133A	0.922

Efficiency According to 80 Plus Gold Certification

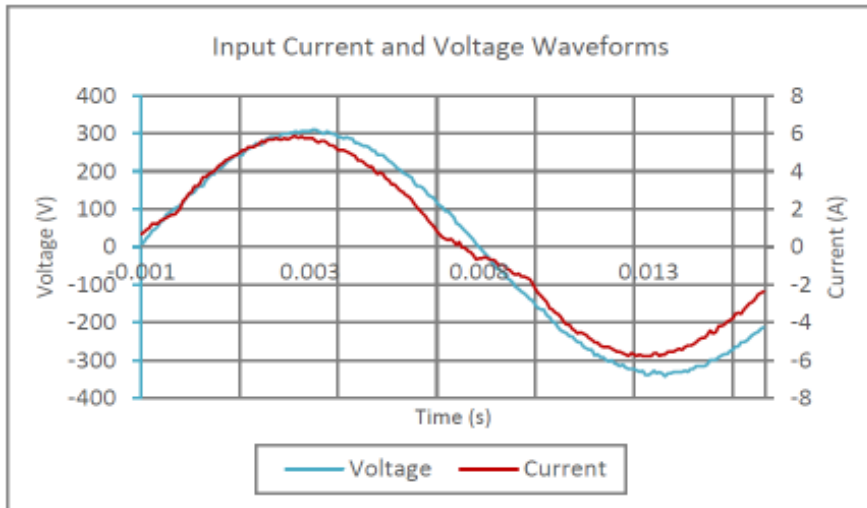
80

PLUS

GOLD

Alpha Miner PSU 1600

Load	Efficiency
20%	93.21%
50%	93.78%
100%	91.23%



Input AC Current Waveform (ITHD = 10.45%, 50% Load)

